Santa Maria PD Phase 2 Camera Locations

#	Name	Long	Lat	Offset	Type of pole
1	#32 NB College (South of Mill)	34.95561241606738	-120.42486955522537	3,6 ft from the curb	Flock Pole
2	#33 EB Alvin (East of Lincoln)	34.960399403507445	-120.43663831534425	-	Street Light
3	#34 NB College (South of Stowell)	34.936771015213636	-120.42477871289749		Street Light
4	#35 EB Betteravia (near Bradley Lane 1)	34.92347401393577	-120.4207881441803		Street Light
5	#36 NB Depot (South of Battles)	34.9313744699913	-120.44446171534423		Street Light
6	#37 EB Betteravia (West of Broadway)	34.920744667862444	-120.43813205767212		Street Light
7	#38 NB Depot (South of Chapel)	34.95409539909177	-120.44387778095091		Street Light
8	#39 EB Betteravia (West of Centerpointe)	34.92309238826265	-120.42955257976227		Street Light
9	#40 NB Lincoln (South of Battles)	34.93130876349339	-120.43764917372602		Street Light
10	#41 EB Chapel (West of Knights)	34.95421388375428	-120.42251974120865		Street Light
11	#42 NB Miller (North of Betteravia)	34.92345204813747	-120.43149019025427		Street Light
12	#43 EB Cook (West of Railroad)	34.94948369926449	-120.4454790828504	4.9 ft from the curb	Flock Pole
13	#44 NB Miller (North of Santa Maria Way)	34.910238826547605	-120.43281986375426		Street Light
14	#45 EB Donovan (Between Lincoln and Pine)	34.96764687264081	-120.43721447546311		Street Light
15	#46 NB Miller (South of Alvin)	34.959873298091175	-120.43131043988113		Street Light
16	#47 EB Donovan (East of western)	34.96773884848474	-120.44913120124292		Street Light
17	#48 NB Miller (South of Enos)	34.931783395701196	-120.43162323043789	2.3ft from the curb	Flock Pole
18	#49 EB Donovan (West of Pepperwood)	34.96754691991537	-120.41932168529712		Street Light
19	#50 NB Miller (South of Main)	34.95220196226795	-120.43135222883605		Street Light
20	#51 EB Fesler (West of Miller)	34.956391854818925	-120.4328773700447		Street Light

Santa Maria PD Phase 2 Camera Locations

21	#52 NB Nicholson (south of Main)	34.952026478235666	-120.41641716512997		Street Light
22	#53 EB Fesler (West of Thornburg)	34.956427841576456	-120.44085760615158		Street Light
23	#54 NB Palisade (South of Main)	34.95223449892455	-120.41203893988113	10.8ft from the curb	Flock Pole
24	#55 EB Grant (West of Vine)	34.97267554431456	-120.43335263972035	2ft from the curb	Flock Pole
25	#56 NB Pine (South of Jones)	34.94483861987541	-120.4392135322905	2ft from the curb	Flock Pole
26	#58 NB Railroad (South of Via Castillo)	34.97852430946884	-120.44422891097929		Street Light
27	#59 EB Main (West of Concord)	34.952842440005654	-120.41456412949982	2ft from the curb	Flock Pole
28	#60 NB Santa Maria Way (South of Sunrise)	34.90686718527723	-120.4321203513744		Street Light
29	#61 EB McCoy (West of Miller)	34.91645052815619	-120.43216097843474		Street Light
30	#62 NB Skyway (South of Air Park)	34.898494178475694	-120.4443137932541		Street Light
31	#63 EB Newlove @ Lincoln (Facing parking lot)	34.92985892512253	-120.43778501306231		Street Light
32	#64 NB Suey (South of Main)	34.95166248030139	-120.40900267301636	2ft from the curb	Flock Pole
33	#65 EB Stowell (West of Entrada)	34.938448356680695	-120.4394347588036		Street Light
34	#66 NB Thornburg (South of Battles)	34.93073813640125	-120.44044797519375		Street Light
35	#67 EB Taylor (Easto of Curryer)	34.97495560502113	-120.43997153558198		Street Light
36	#68 NB Western (North of Cox)	34.96943064095421	-120.44907752638932		Street Light
37	#69 NB Blosser (North of Cox)	34.969753742478865	-120.45342384173355		Street Light
38	#70 NB Western (north of Gunner)	34.96356847010562	-120.45010489080734		Street Light
39	#71 NB Blosser (North of Rancho Verde)	34.97770200547197	-120.45331952883608		Street Light
40	#72 NB Western (South of Church)	34.95139482850921	-120.44928248357895		Street Light
41	#73 NB Blosser (South of Carmen)	34.92331670552018	-120.45379406441803		Street Light

Santa Maria PD Phase 2 Camera Locations

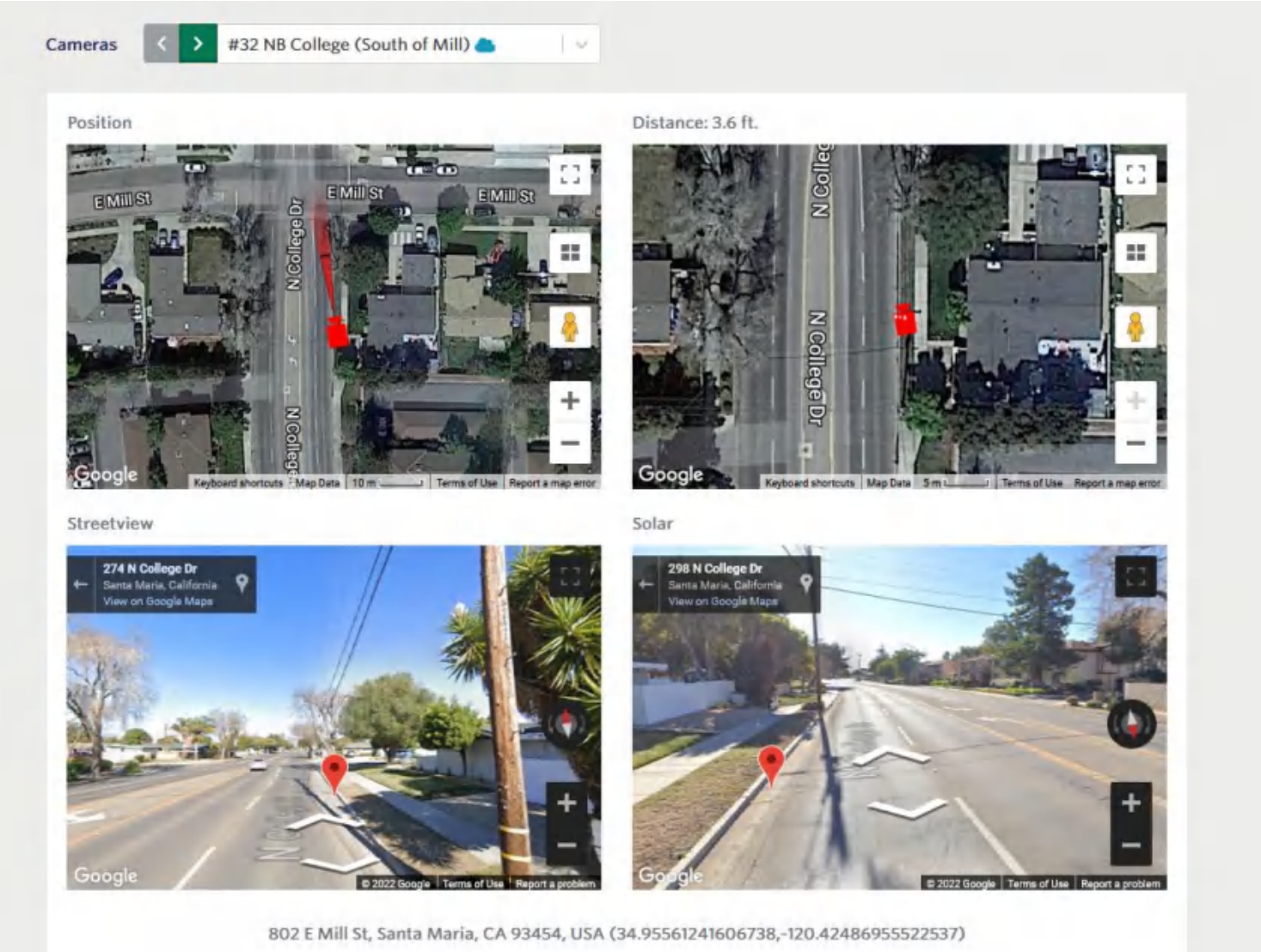
42	#74 SB Blosser (North of Betteravia)	34.92192472201651	-120.45407835522538		Street Light
43	#75 NB Blosser (South of Fesler)	34.95654874814926	-120.45345872209015		Street Light
44	#76 SB Blosser (South of Alvin)	34.96045139606164	-120.45361680000002		Street Light
45	#77 NB Bradley (North of Hancock)	34.9337204871195	-120.41829207916794	2ft from the curb	Flock Pole
46	#78 SB Blosser (South of Canal)	34.98144543899212	-120.45295041104508		Street Light
47	#79 NB Bradley (North of Stowell)	34.939234034043906	-120.41910045767212		Street Light
48	#80 SB Blosser (South of Morrison)	34.94315941938052	-120.45391720950367		Street Light
49	#81 NB Bradley (South of Betteravia)	34.922722895376715	-120.4219033545236		Street Light
50	#82 SB Bradley (North of Crossroads)	34.91685213396401	-120.42138086893054		Street Light
51	#84 SB Bradley (North of Cypress)	34.95117063306504	-120.41820686041983	2ft from the curb	Flock Pole
52	#86 SB Bradley (North of Hancock)	34.93333903786586	-120.41839552883606		Street Light
53	#89 NB College (North of Santa Maria Way)	34.89616775999563	-120.42114251355153	3ft from the curb	Flock Pole
54	#91 NB College (North of Southside Pkwy)	34.921262202326325	-120.42505331104508		Street Light
55	#93 EB Alvin (East of Bradley)	34.96023104029522	-120.42028972766039	9.2ft from the curb	Flock Pole
56	#94 SB College (North of Battles)	34.93321027047812	-120.42500789325409		Street Light
57	#95 SB College (North of Sunrise)	34.91008033144108	-120.42395379325409		Street Light
58	#96 SB College (South of Cook)	34.94980833914124	-120.42491026822074	4.9ft from the curb	Flock Pole
59	#97 SB Lincoln (South of Shelia)	34.92897789902166	-120.4377928687172		Street Light
60	#98 SB Lynne (south of Lee)	34.968064098188854	-120.42685961104506		Street Light
61	#99 SB Miller (North of Sunset)	34.96452271243942	-120.43134796871719		Street Light
62	100 WB Stowell (West of Kameo)	34.93889842899383	-120.45850989376463		Street Light

Santa Maria PD Phase 2 Camera Locations

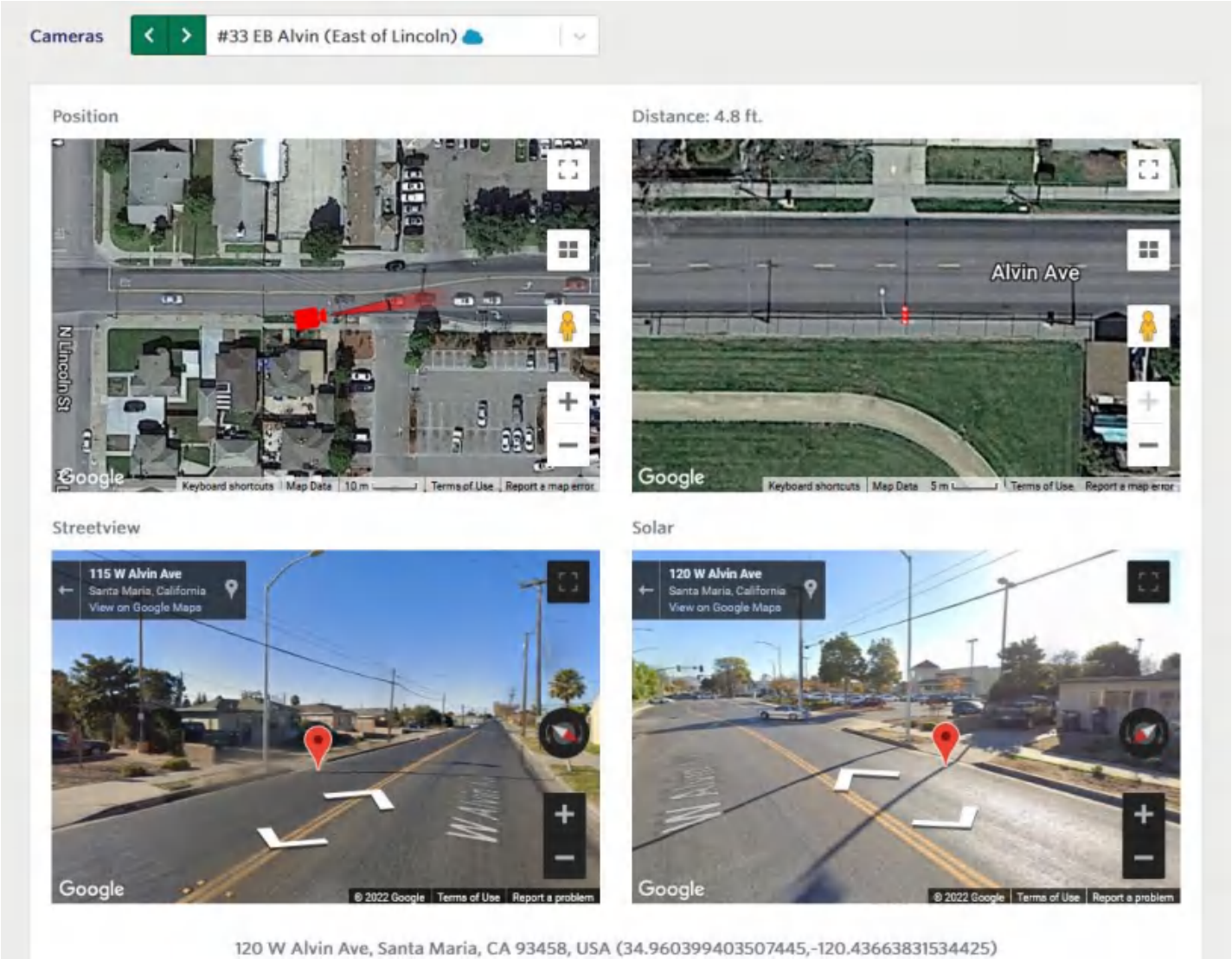
63	101 SB Panther (North of Alcala)	34.95516590211938	-120.4004615		Street Light
64	102 WB Taylor (East of Lincoln)	34.97504012974688	-120.43597826205391		Street Light
65	103 SB Preikser (North of Meadow gate)	34.981959058113056	-120.43534470989165		Street Light
66	104 WB Williams (East of Elm)	34.97064698786995	-120.44089679080734		Street Light
67	105 SB Railroad (North of Donovan)	34.968195166281106	-120.44454053988113		Street Light
68	106 SB Railroad (North of Patti)	34.96211522087238	-120.44465940429916		Street Light
69	107 SB Santa Maria Way (South of Miller)	34.9089381679318	-120.43385579823445		Street Light
70	108 SB Suey (South of Suey Crossing)	34.9625198009814	-120.40901956441803		Street Light
71	109 SB Suey @ Jones (Facing South/Southwest)	34.94566690446222	-120.40923548895492	4ft from the pavement	Flock Pole
72	110 SB Thornburg (South of Carmen)	34.924385828804716	-120.44071999447745	2ft from the curb	Flock Pole
73	111 SB Western (North of Alvin)	34.96414287189144	-120.45028029274096		Street Light
74	112 SB Western (north of Knudsen)	34.94494404674268	-120.44955985767211		Street Light
75	113 SB Western (North of Main)	34.95484472735376	-120.44939450031885		Street Light
76	114 WB Alvin (east of Mary)	34.960649580045555	-120.44777074778541		Street Light
77	115 WB Alvin (West of Concepcion)	34.96045480303006	-120.42279332076264		Street Light
78	116 WB Betteravia (East of Broadway SCL)	34.92127661174402	-120.433840170874	2ft from the curb	Flock Pole
79	117 WB Cook (West of Smith)	34.949977600973234	-120.44278113122533		Street Light
80	118 WB Donovan (East of College)	34.96781801919876	-120.42556284135871	11ft from the curb	Flock Pole
81	119 WB Donovan (East of Thornburg)	34.96783127013154	-120.43876621686327		Street Light

Santa Maria PD Phase 2 Camera Locations

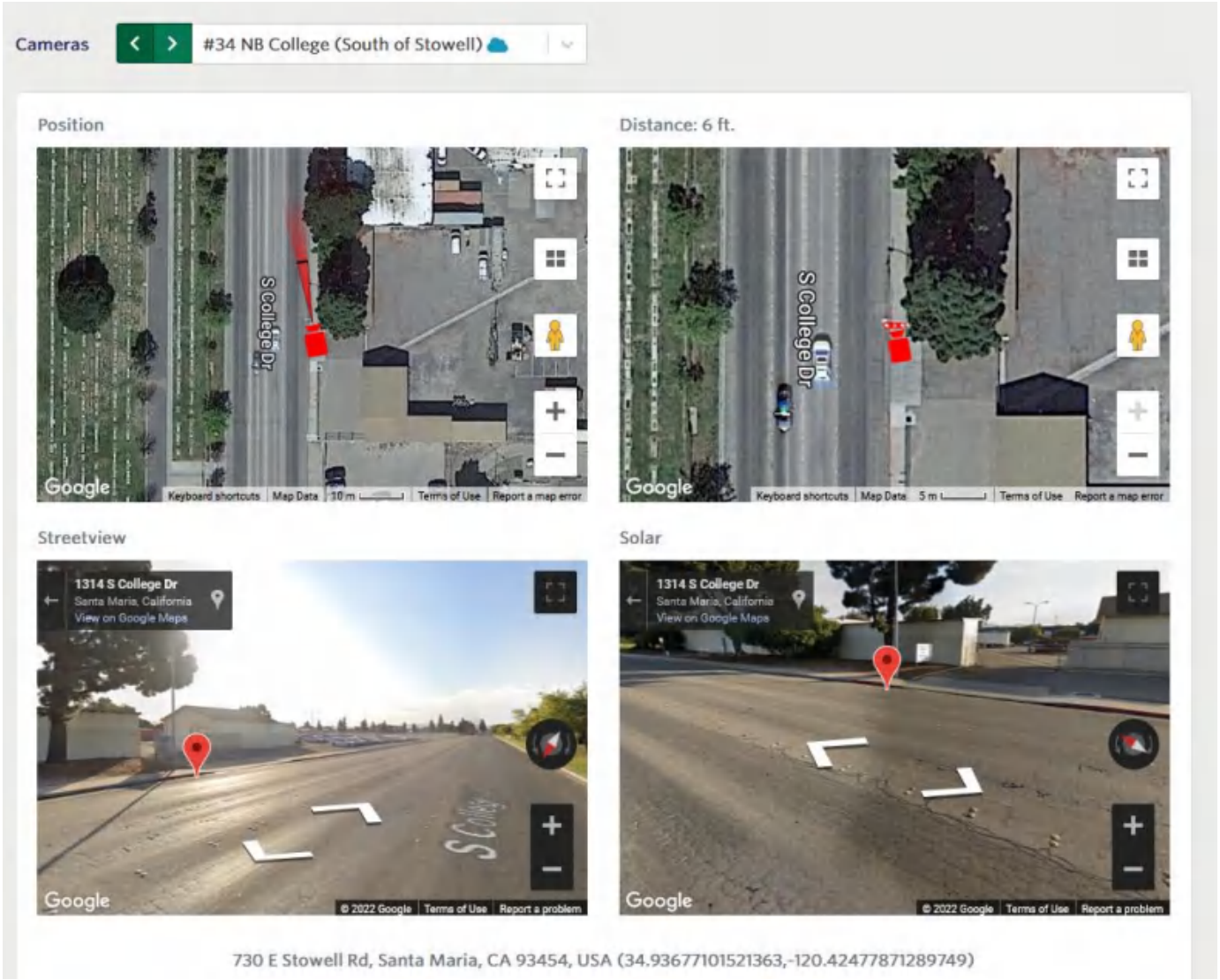
82	120 WB Donovan (West of McClelland)	34.96780830429466	-120.43391119437332		Street Light
83	121 WB Fesler (East of Western)	34.95700861990933	-120.44814912691422	4ft from the curb	Flock Pole
84	122 WB Fessler (east of Depot)	34.956630447150715	-120.44293095218637		Street Light
85	123 WB Grant (East of Lincoln)	34.972838020337704	-120.4364444380287		Street Light
86	124 WB Hidden Pines (east of Ebony)	34.986062108002365	-120.4388486932541		Street Light
87	125 WB Jones (near 101 overpass)	34.945875268324635	-120.41657726086868		Street Light
88	126 WB Main (West of Concord)	34.953011556994674	-120.4149685525833	2ft from the curb	Flock Pole
89	127 SB College (South of Donovan)	34.9665428056458	-120.42574450921254		Street Light
90	128 WB McCoy (East of Miller)	34.916596598847576	-120.42781228865515		Street Light
91	129 WB McCoy (East of Professional Parkway)	34.91679466066783	-120.4378298580376		Street Light
92	130 WB Morrison (East of Broadway)	34.94316976183437	-120.43658218840305	3ft from the curb	Flock Pole
93	131 SB Miller (South of Betteravia)	34.9208453138479	-120.43104267664361	3ft from the curb	Flock Pole
94	132 WB Stowell (East of Concepcion)	34.93845786369244	-120.42173843240204		Street Light
95	133 SB Miller (South of Cook)	34.948773073421165	-120.43159782886505		Street Light
96	134 WB Stowell (East of Smith)	34.938671330249285	-120.44062677206693	10ft from the curb	Flock Pole
97	135 SB Miller (South of Newlove)	34.92858674058391	-120.43184373928723		Street Light



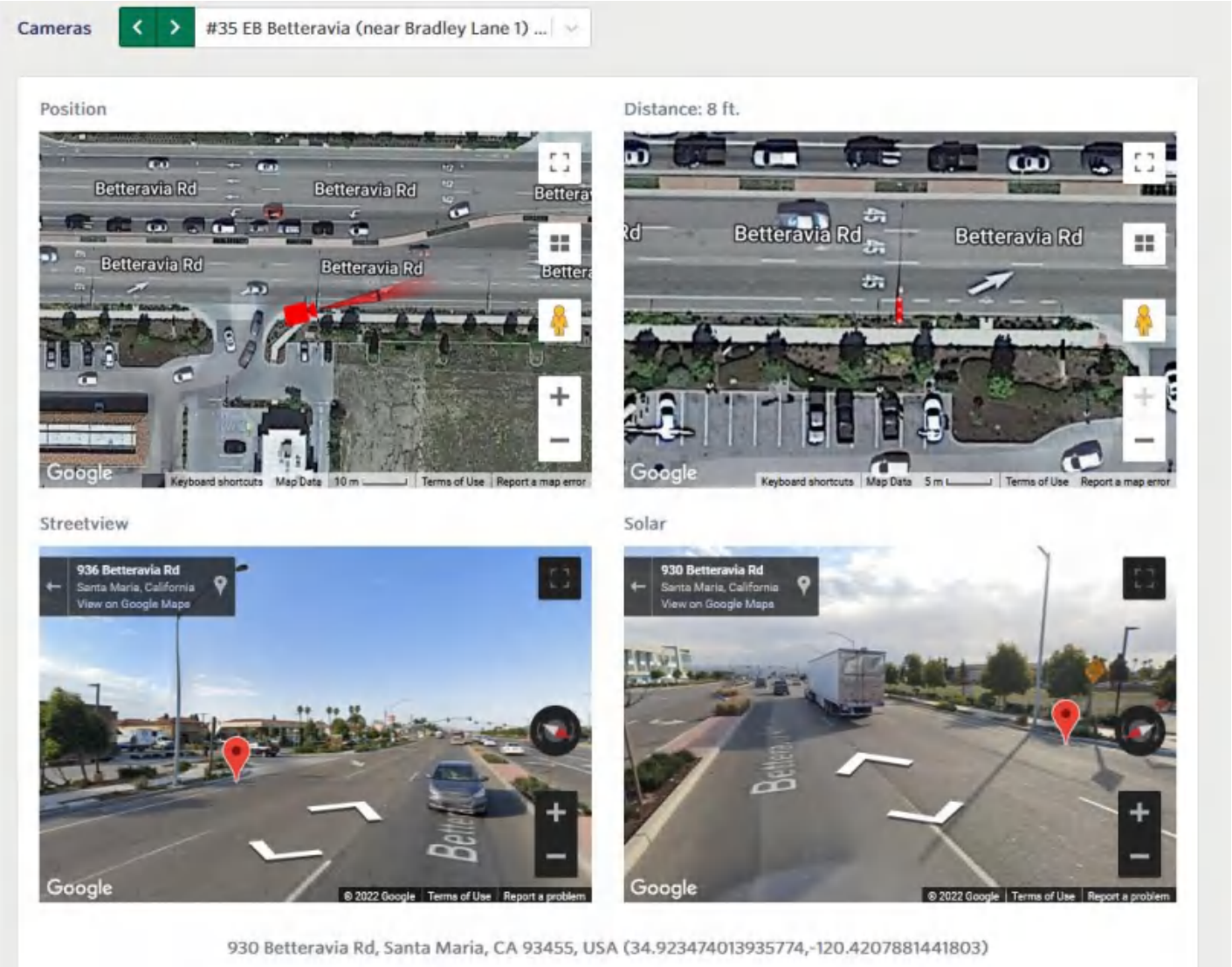
Camera 1 - NB N College Dr at E Mill St , installed on a Flock Pole approx 4ft from the curb. Aimed to capture Northbound vehicle traffic.



Camera 2 - EB Alvin Ave at Lincoln St , installed on existing street light pole. Aimed to capture Eastbound vehicle traffic.



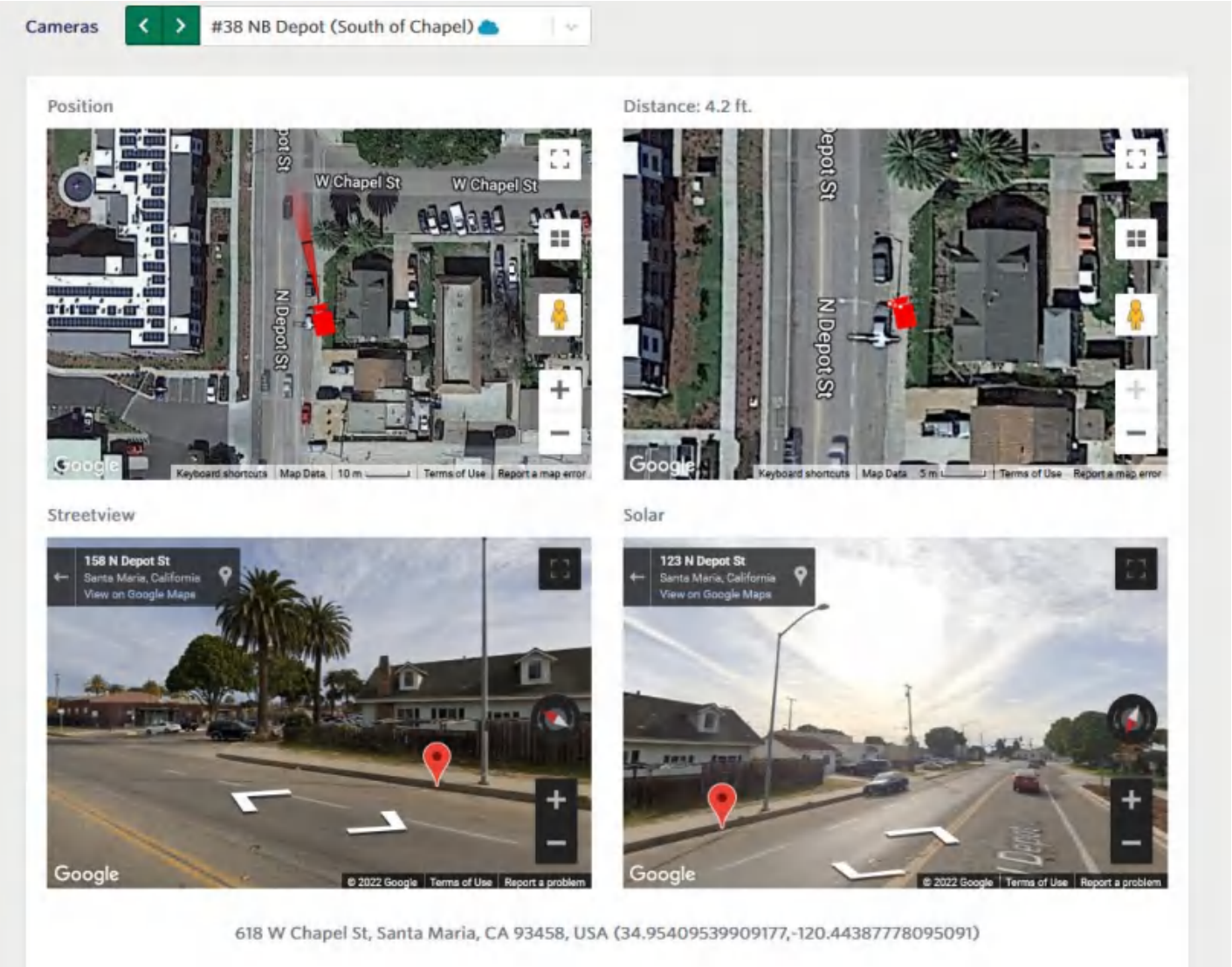
Camera 3 - NB College Dr at Stowell Rd , installed on existing street light pole. Aimed to capture Northbound vehicle traffic.



Camera 4- EB E Betteravia RD near Bradley Lane 1 , installed on existing street light pole. Aimed to capture Eastbound vehicle traffic.

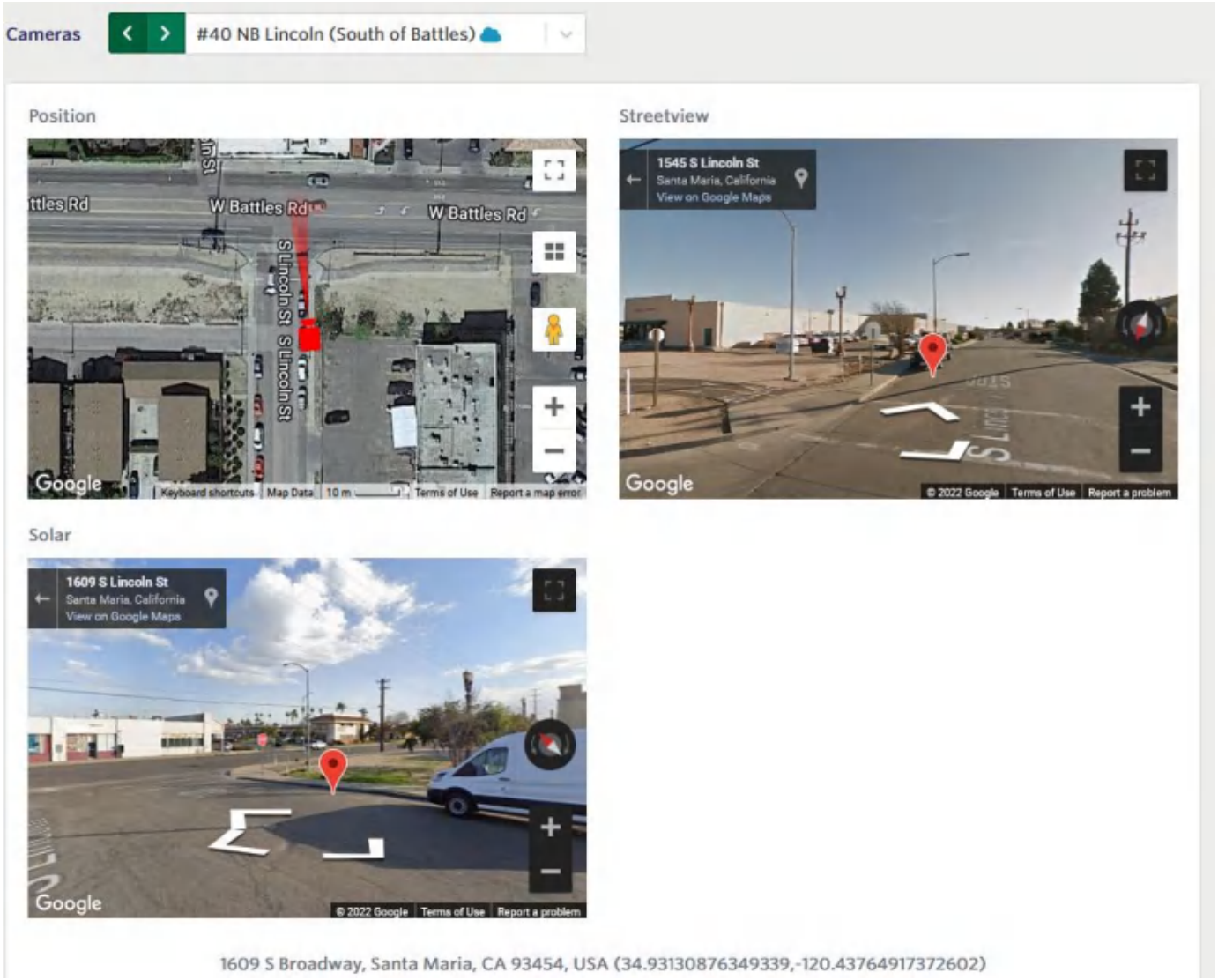
Camera 5 - NB Depot St South of Battles , installed on existing street light pole. Aimed to capture Northbound vehicle traffic.

Camera 6 - EB Betteravia Rd west of Broadway , installed on existing street light pole. Aimed to capture Eastbound vehicle traffic.

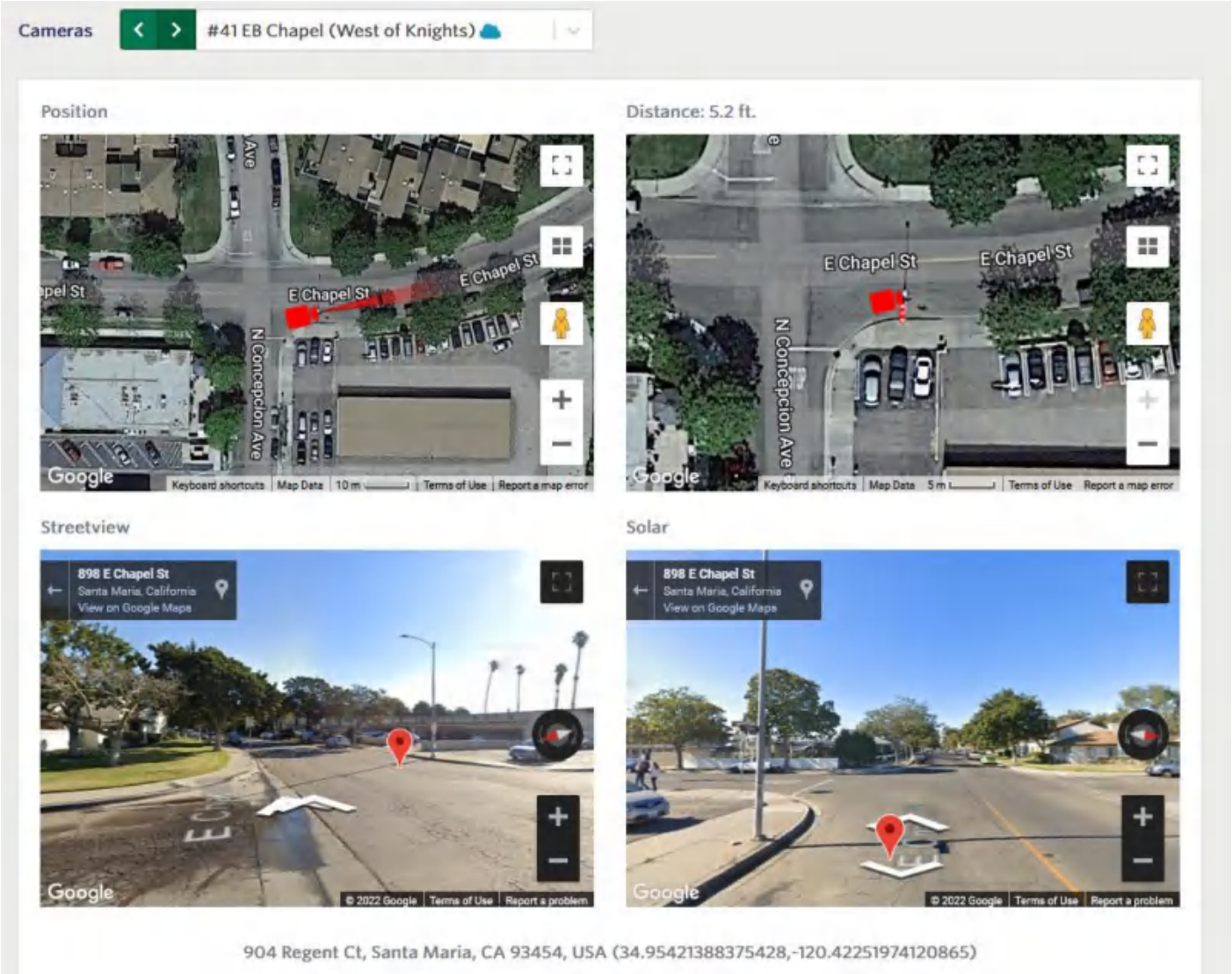


Camera 7 - NB Depot St South of Chapel, installed on existing street light pole. Aimed to capture Northbound vehicle traffic.

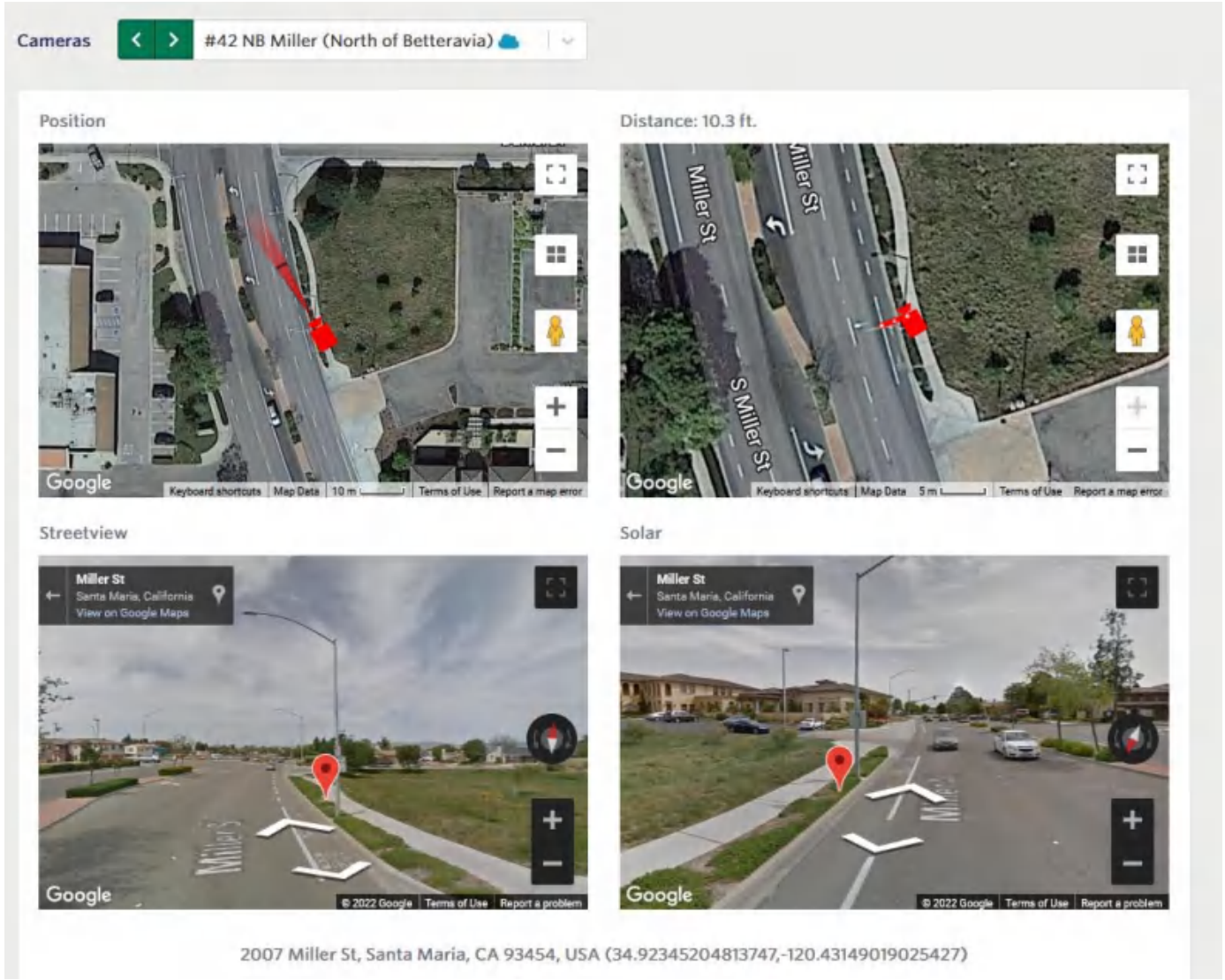
Camera 8 - EB Betteravia Rd west of Centerpoint, installed on existing street light pole. Aimed to capture Eastbound vehicle traffic.



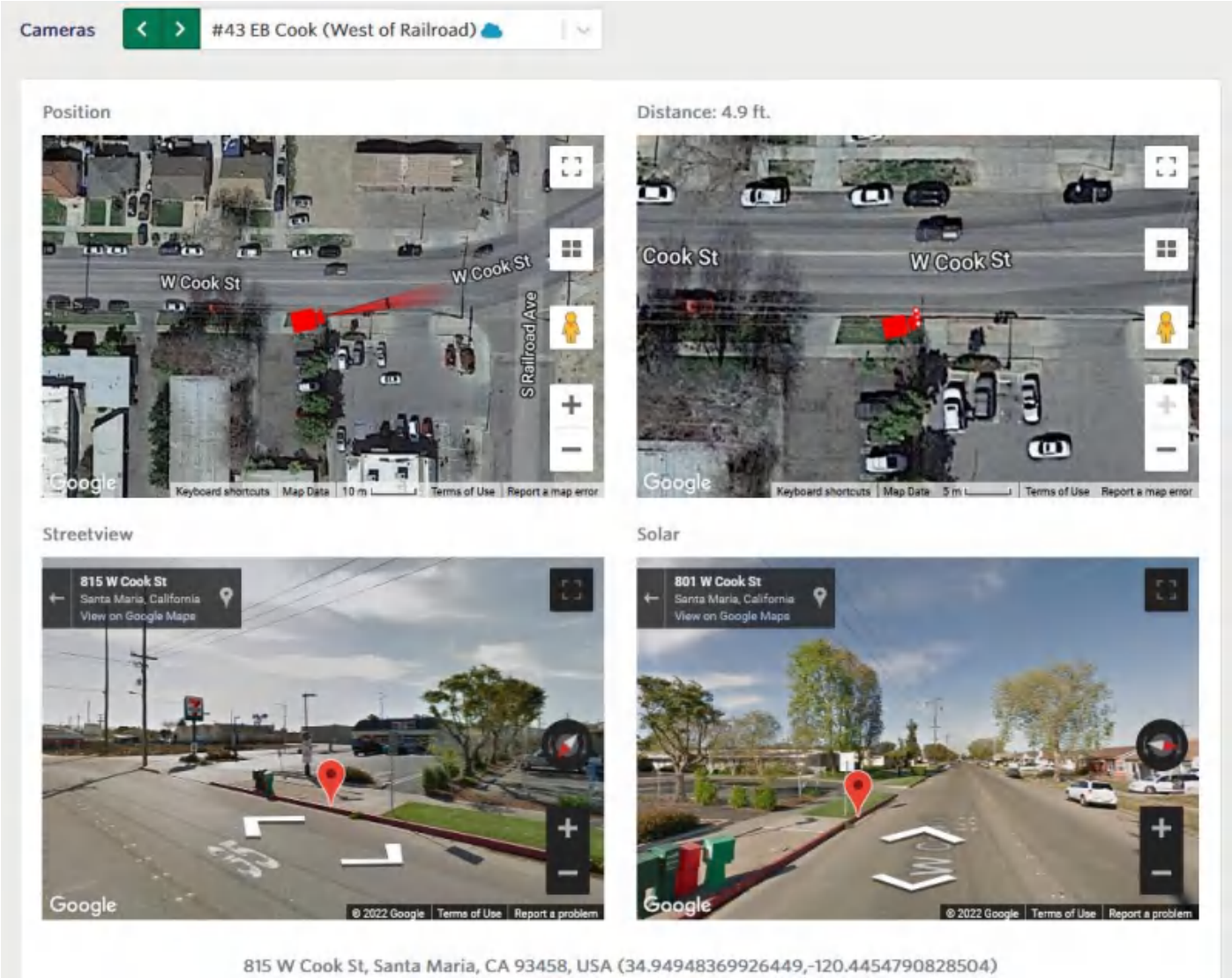
Camera 9- NB Lincoln St South of Battles Rd , installed on existing street light pole. Aimed to capture Northbound vehicle traffic.



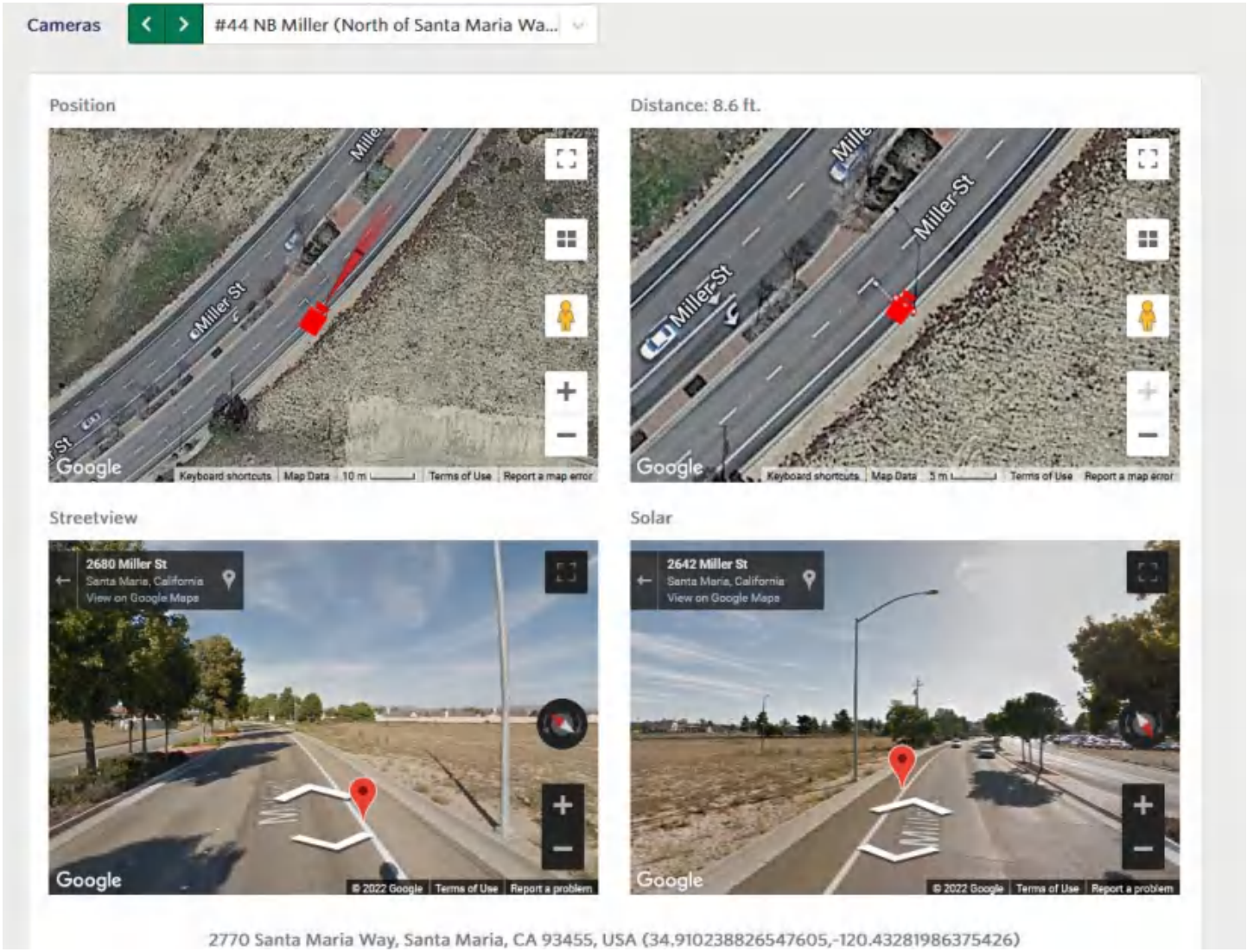
Camera 10 - EB Chapel St west of Knights , installed on existing street light pole. Aimed to capture Eastbound vehicle traffic.



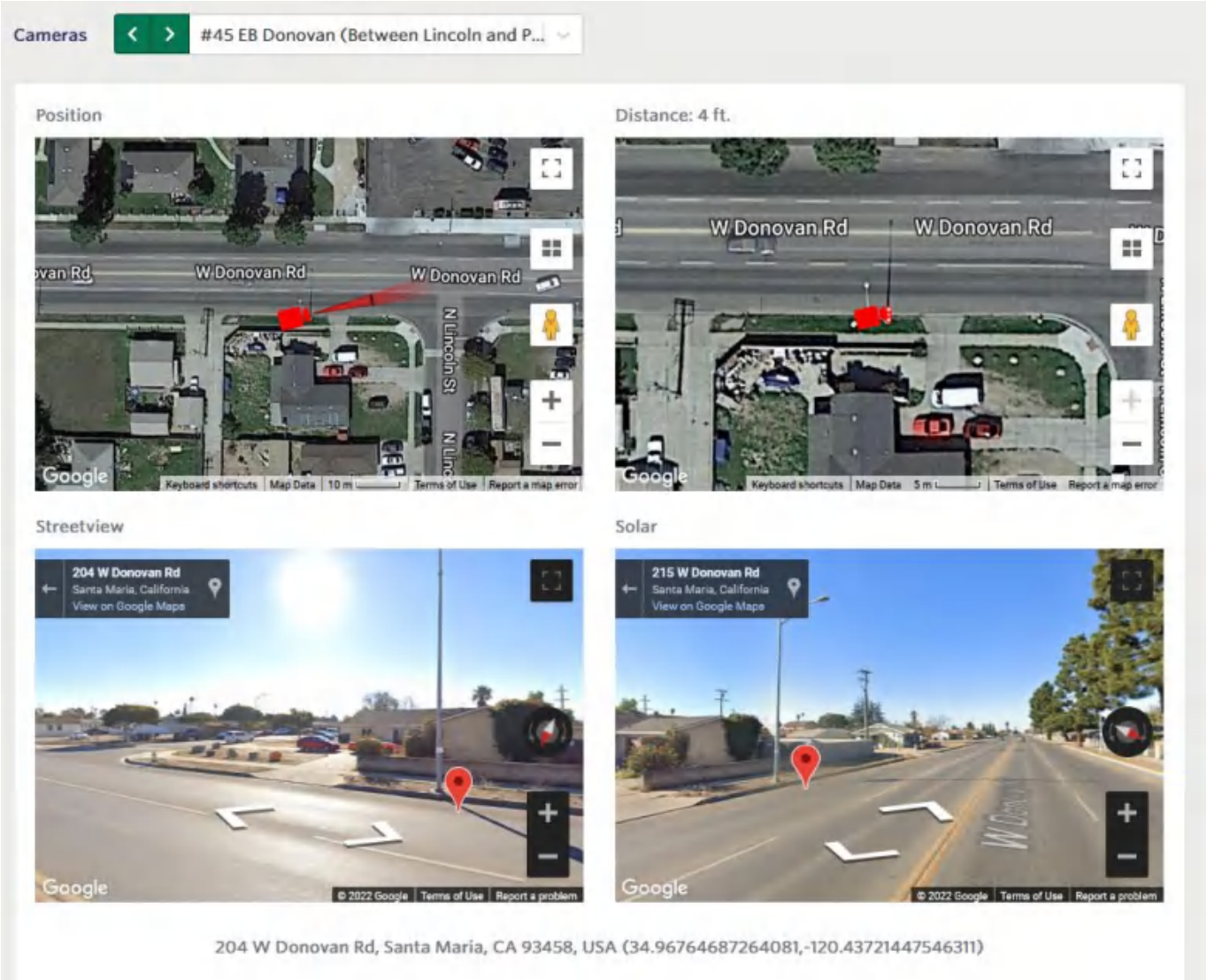
Camera 11 - NB Miller St north of Betteravia , installed on existing street light pole. Aimed to capture Northbound vehicle traffic.



Camera 12 - EB Cook St west of Railroad , installed on a Flock pole approx 5ft from the curb. Aimed to capture Eastbound vehicle traffic.

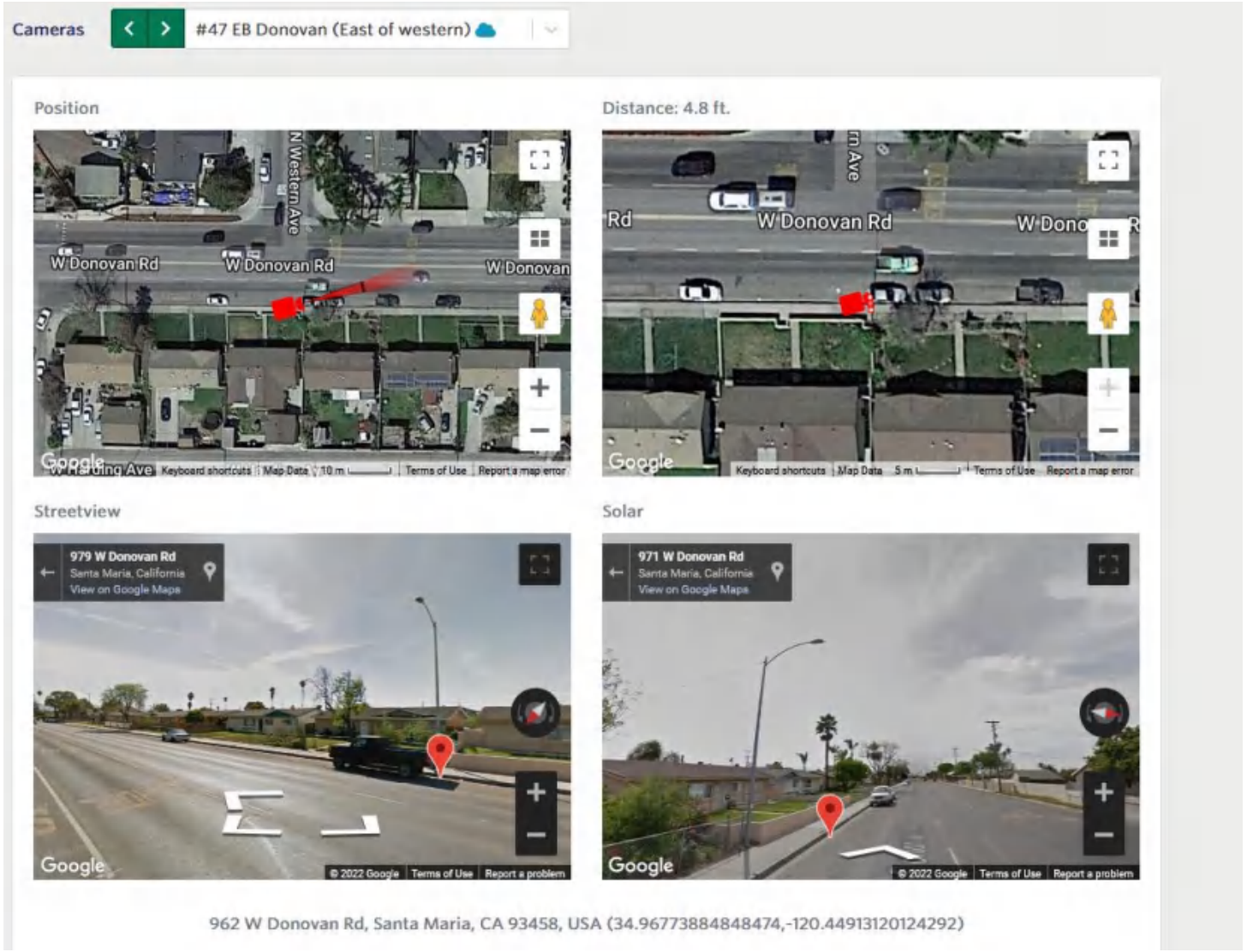


Camera 13 - NB Miller St north of Santa Maria Way , installed on existing street light pole. Aimed to capture Northbound vehicle traffic.

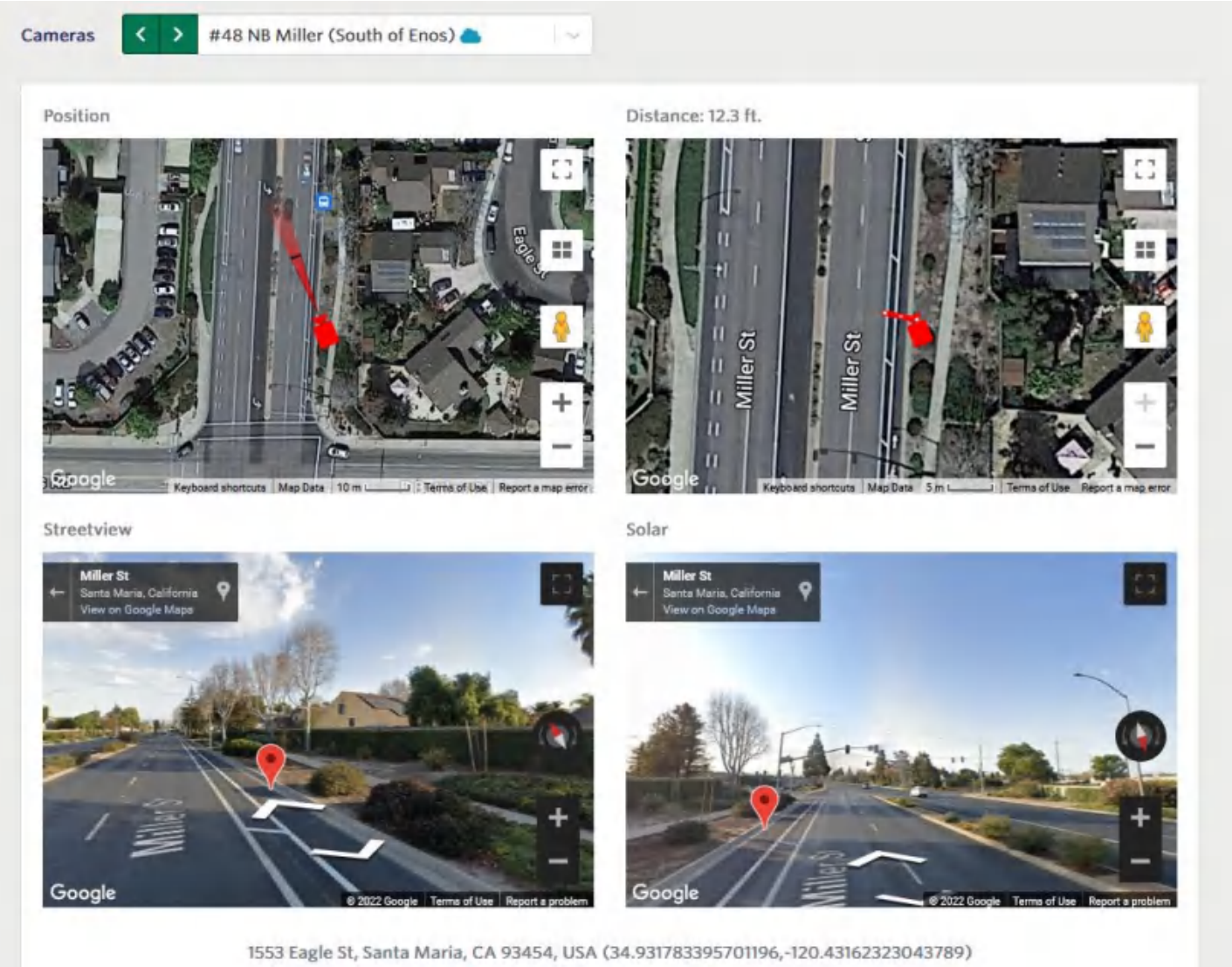


Camera 14 - EB Donovan Rd between Lincoln and Pine, installed on existing street light pole. Aimed to capture Eastbound vehicle traffic.

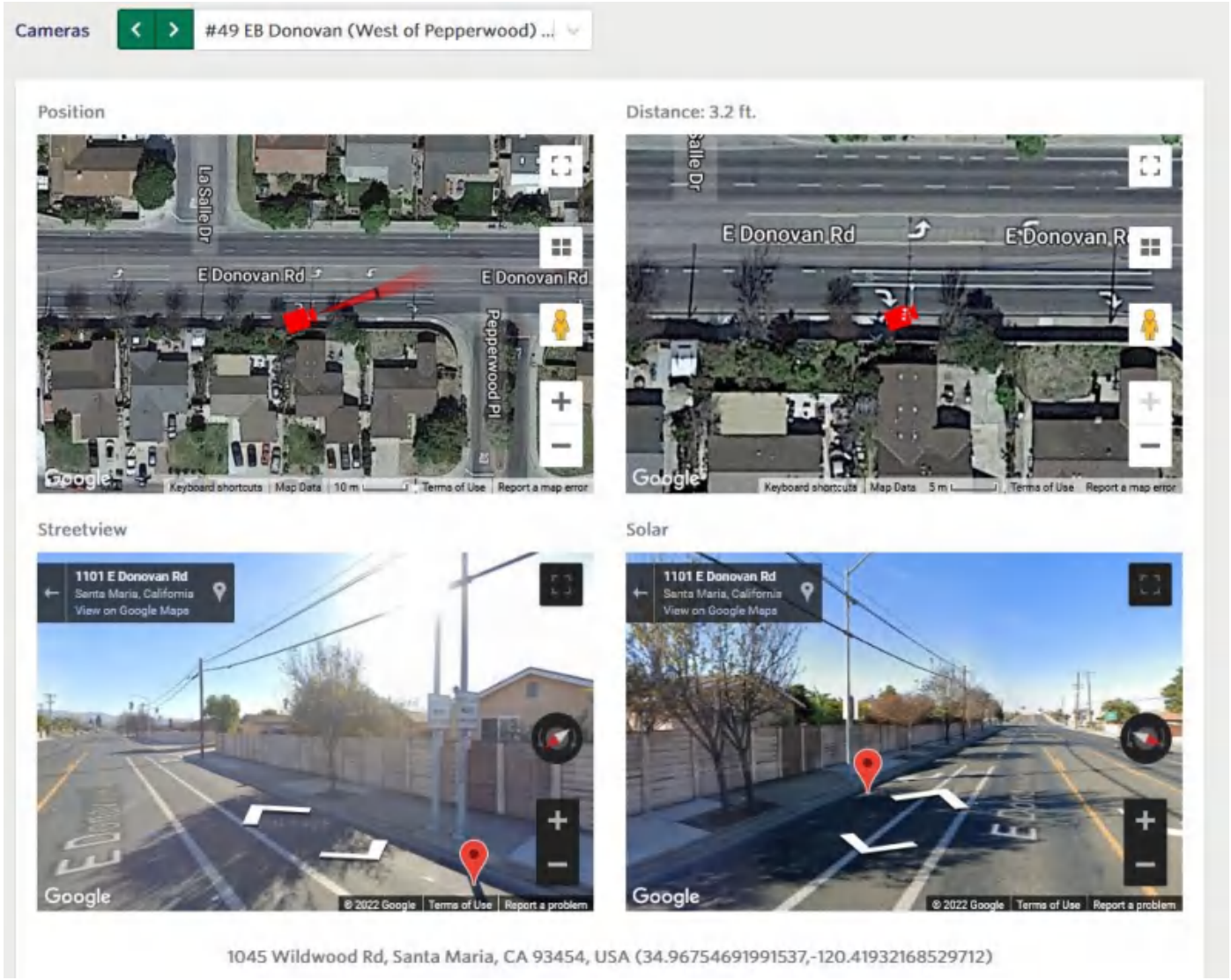
Camera 15 - NB Miller (South of Alvin) , installed on existing street light pole. Aimed to capture Northbound vehicle traffic.



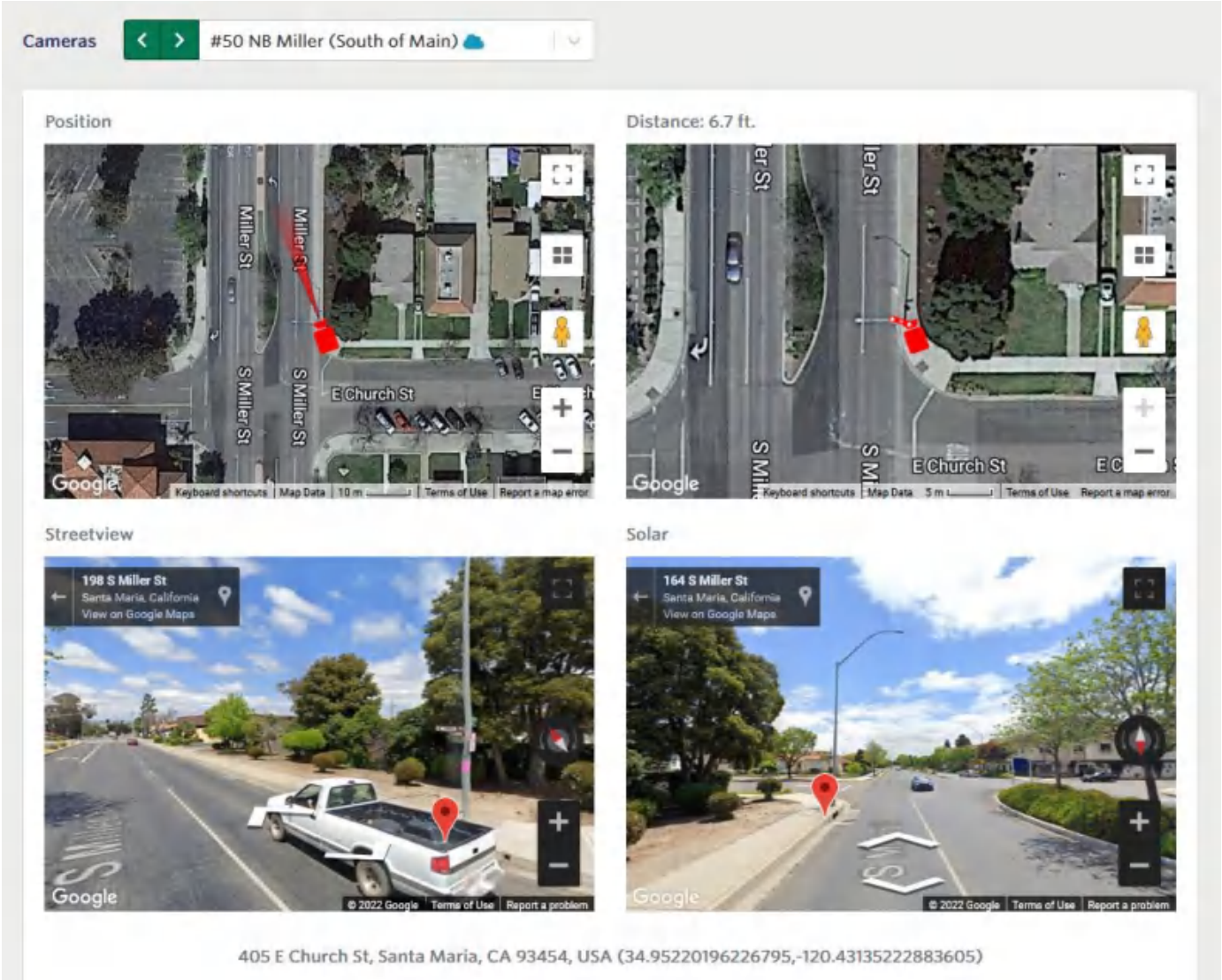
Camera 16 - EB Donovan (East of western), installed on existing street light pole. Aimed to capture Eastbound vehicle traffic.



Camera 17 - NB Miller (South of Enos)installed on a Flock pole approx 2ft from the curb. Aimed to capture Northbound vehicle traffic.

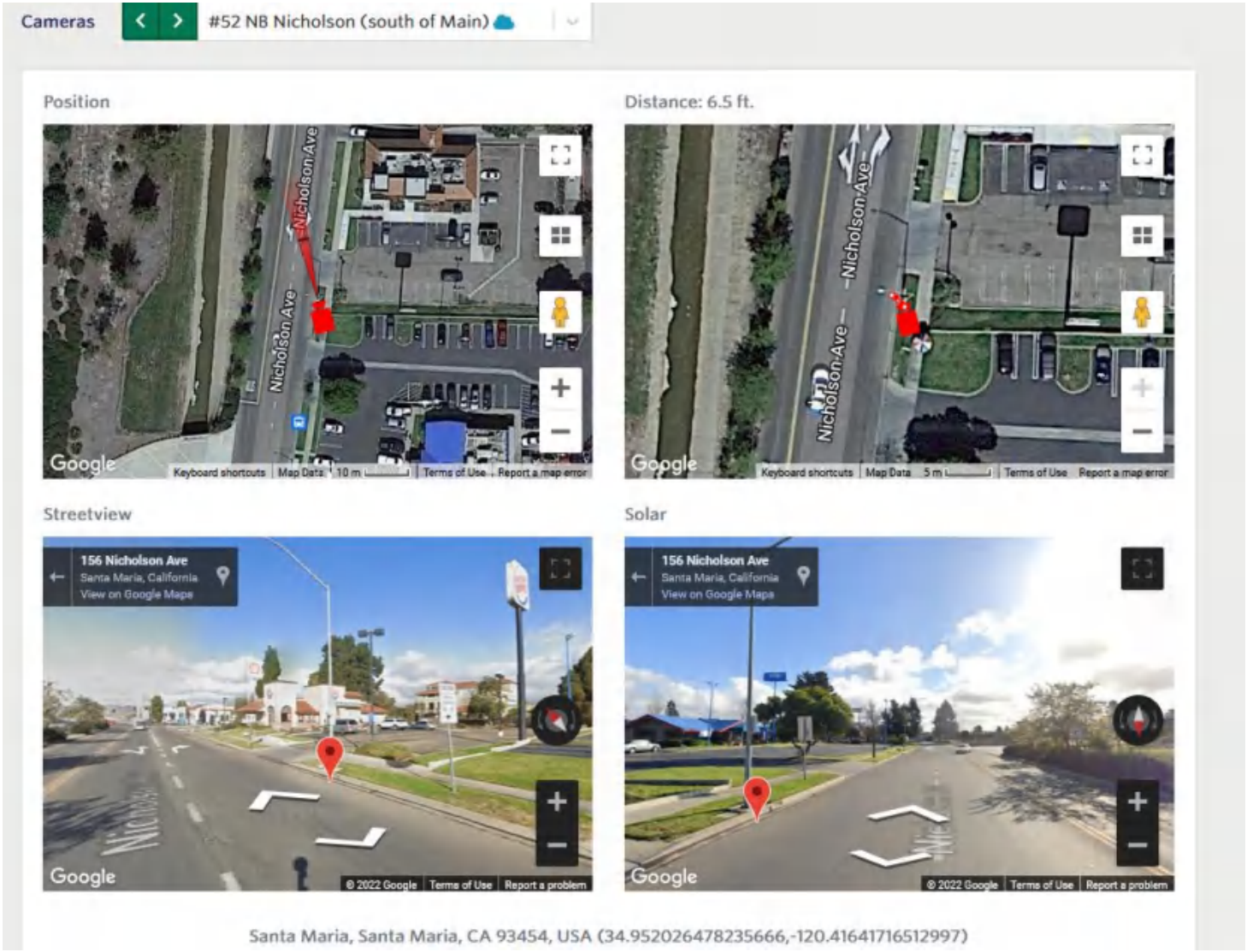


Camera 18 -EB Donovan (West of Pepperwood)installed on existing street light pole. Aimed to capture Eastbound vehicle traffic.

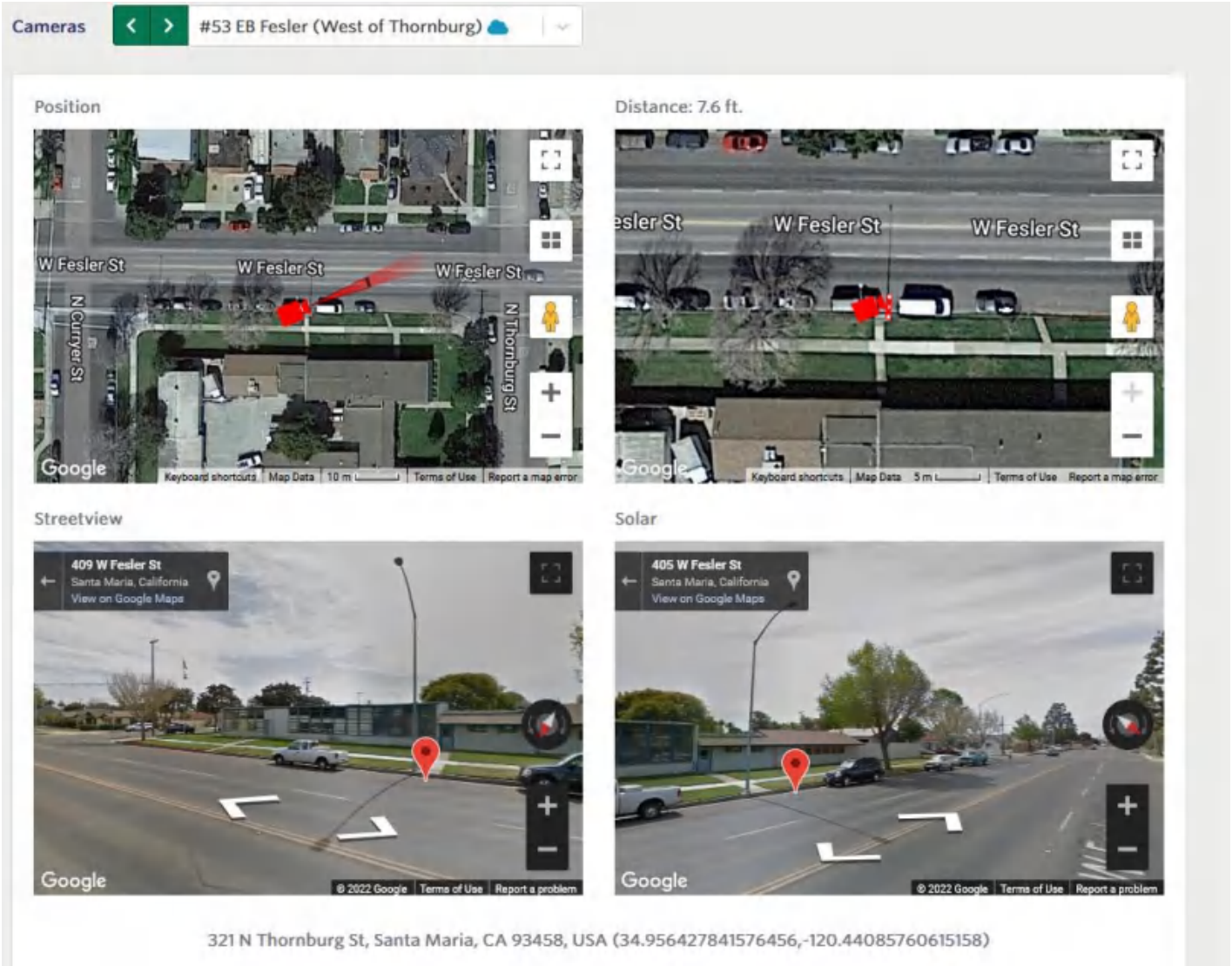


Camera 19 -NB Miller (South of Main)installed on existing street light pole. Aimed to capture Northbound vehicle traffic.

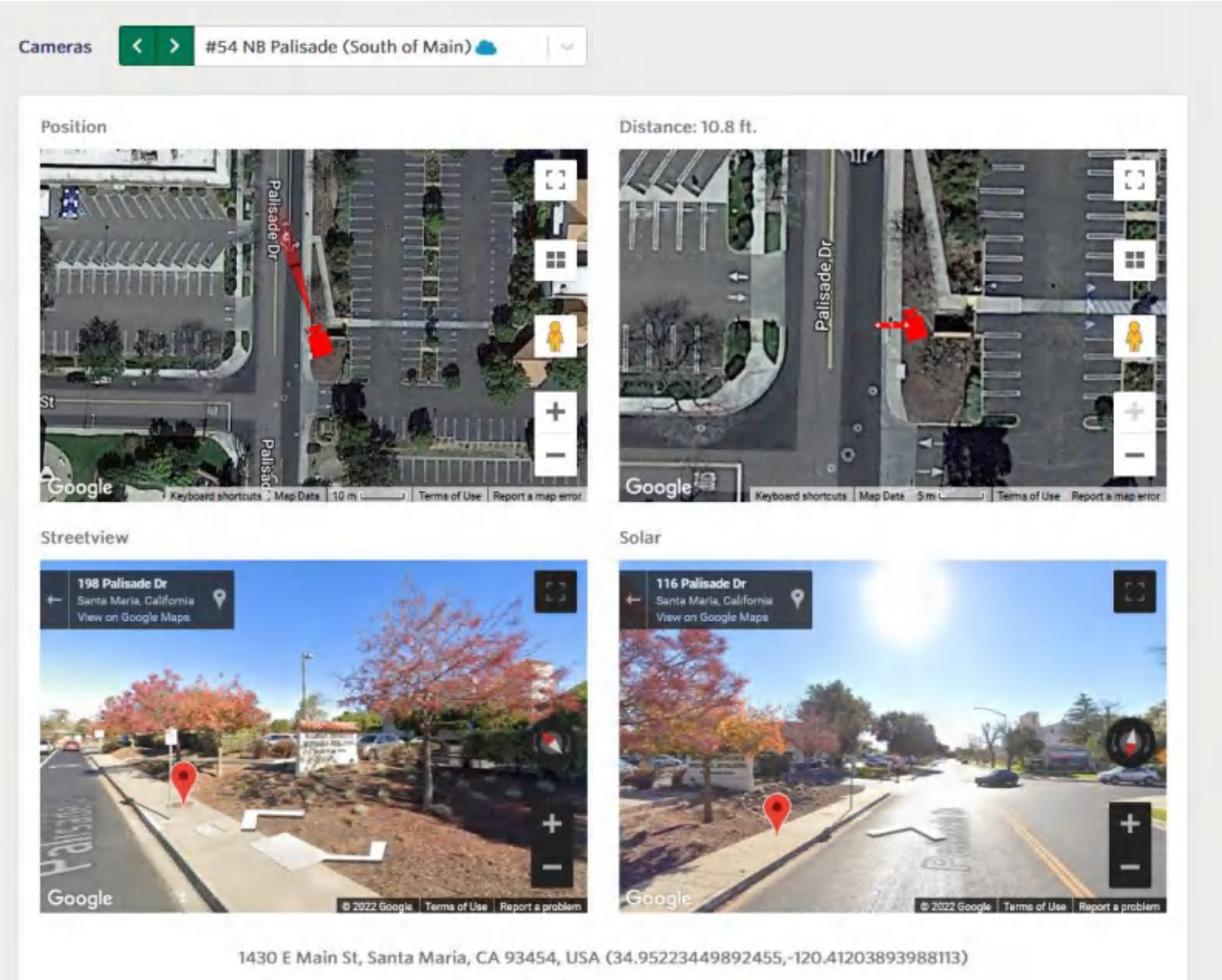
Camera 20 - EB Fesler (West of Miller)installed on existing street light pole. Aimed to capture Eastbound vehicle traffic.



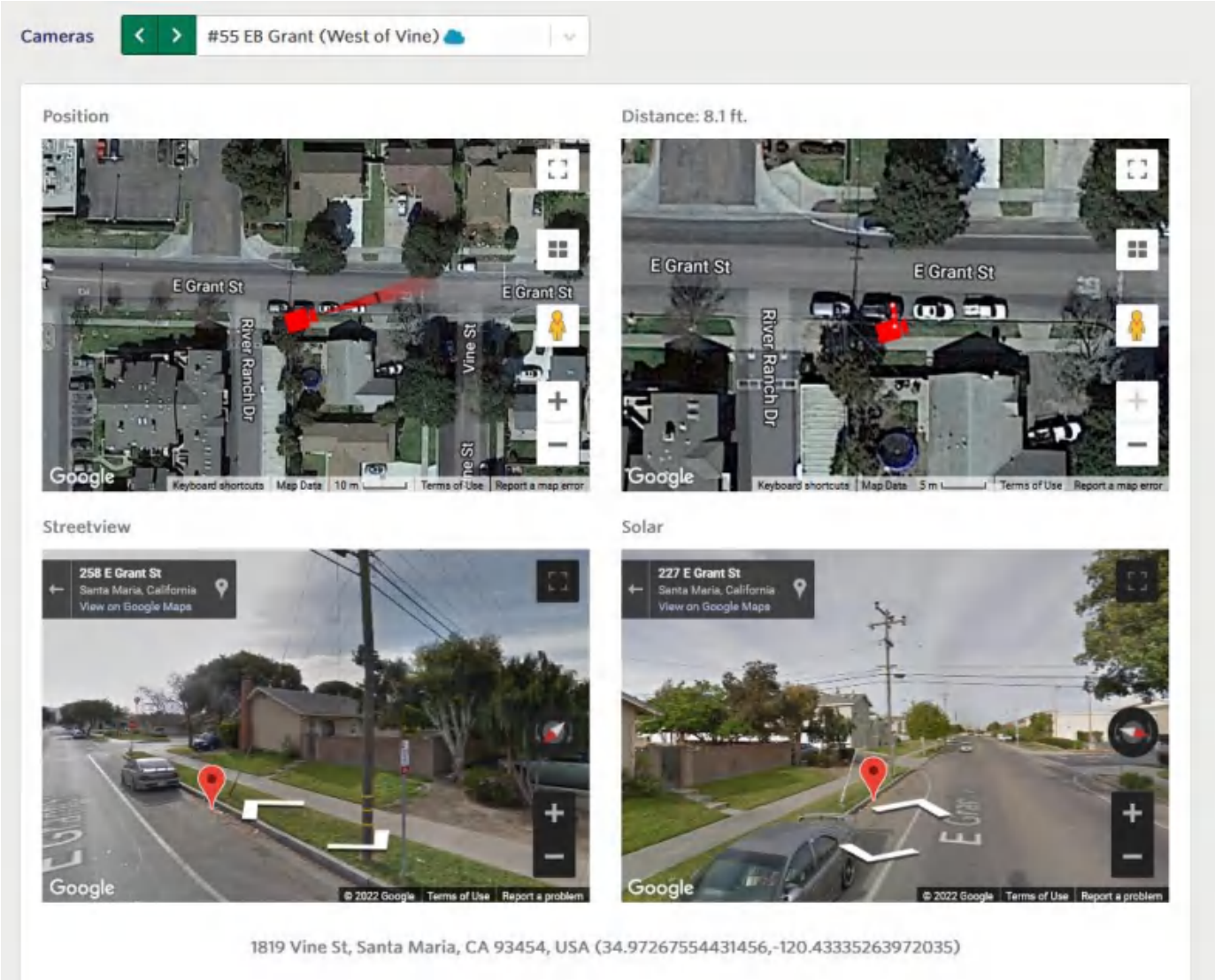
Camera 21 -NB Nicholson (south of Main)installed on existing street light pole. Aimed to capture Northbound vehicle traffic.



Camera 22 - EB Fesler (West of Thornburg)installed on existing street light pole. Aimed to capture Eastbound vehicle traffic.

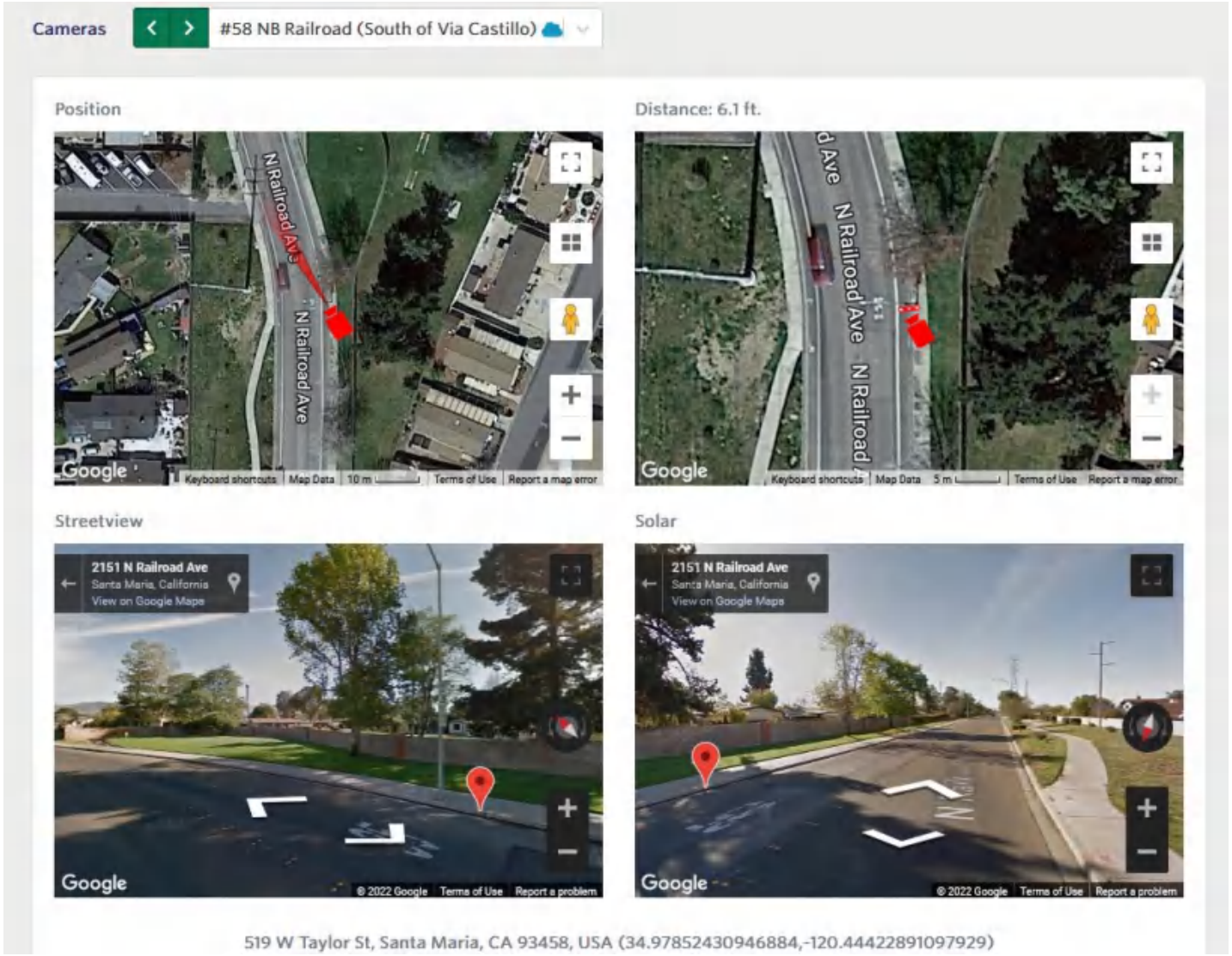


Camera 23 -NB Palisade (South of Main) installed on a Flock pole approx 10 ft from the curb. Aimed to capture Northbound vehicle traffic.



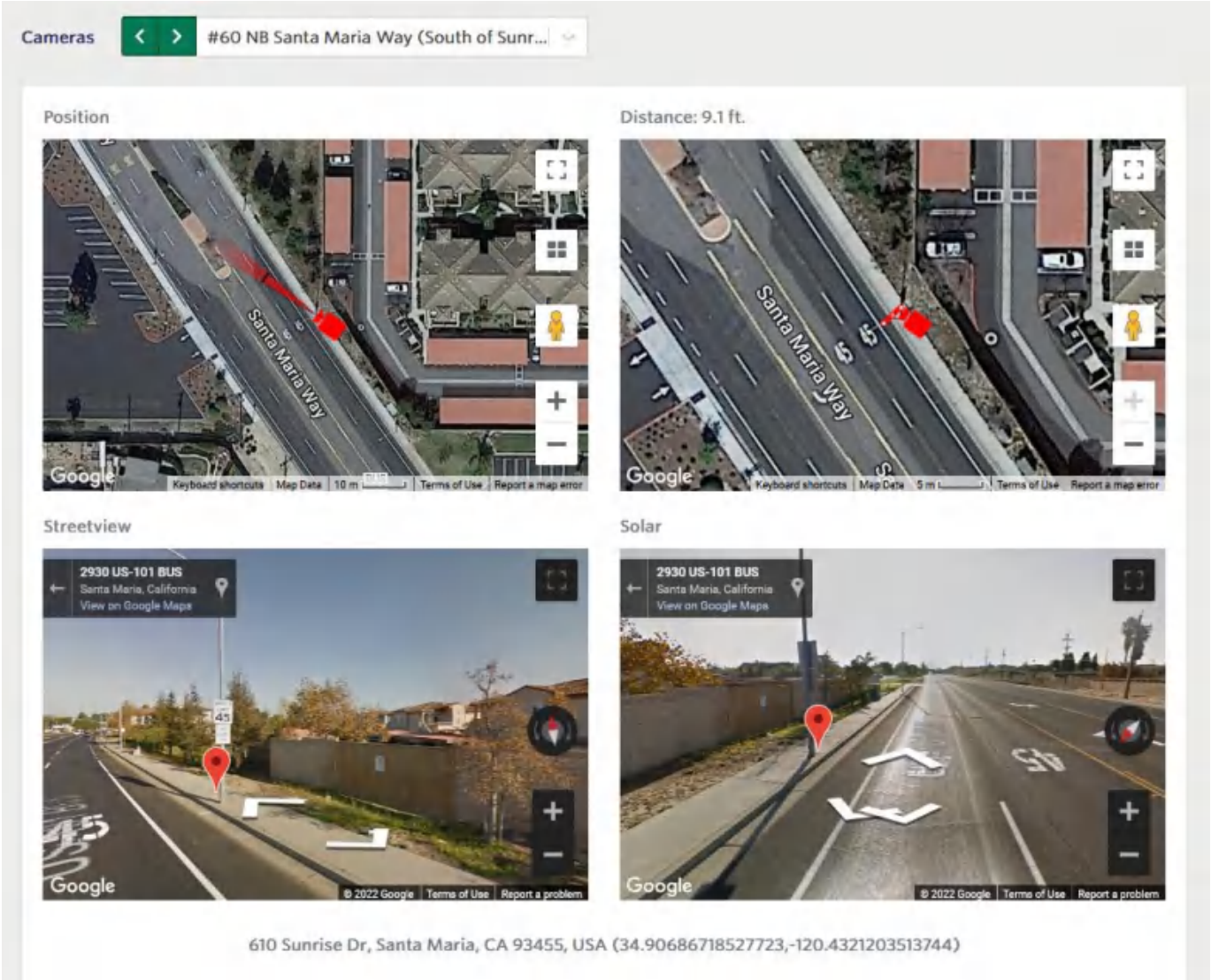
Camera 24 -EB Grant (West of Vine) installed on a Flock pole approx 2ft from the curb. Aimed to capture Eastbound vehicle traffic.

Camera 25 -NB Pine (South of Jones) installed on a Flock pole approx 2ft from the curb. Aimed to capture Northbound vehicle traffic.



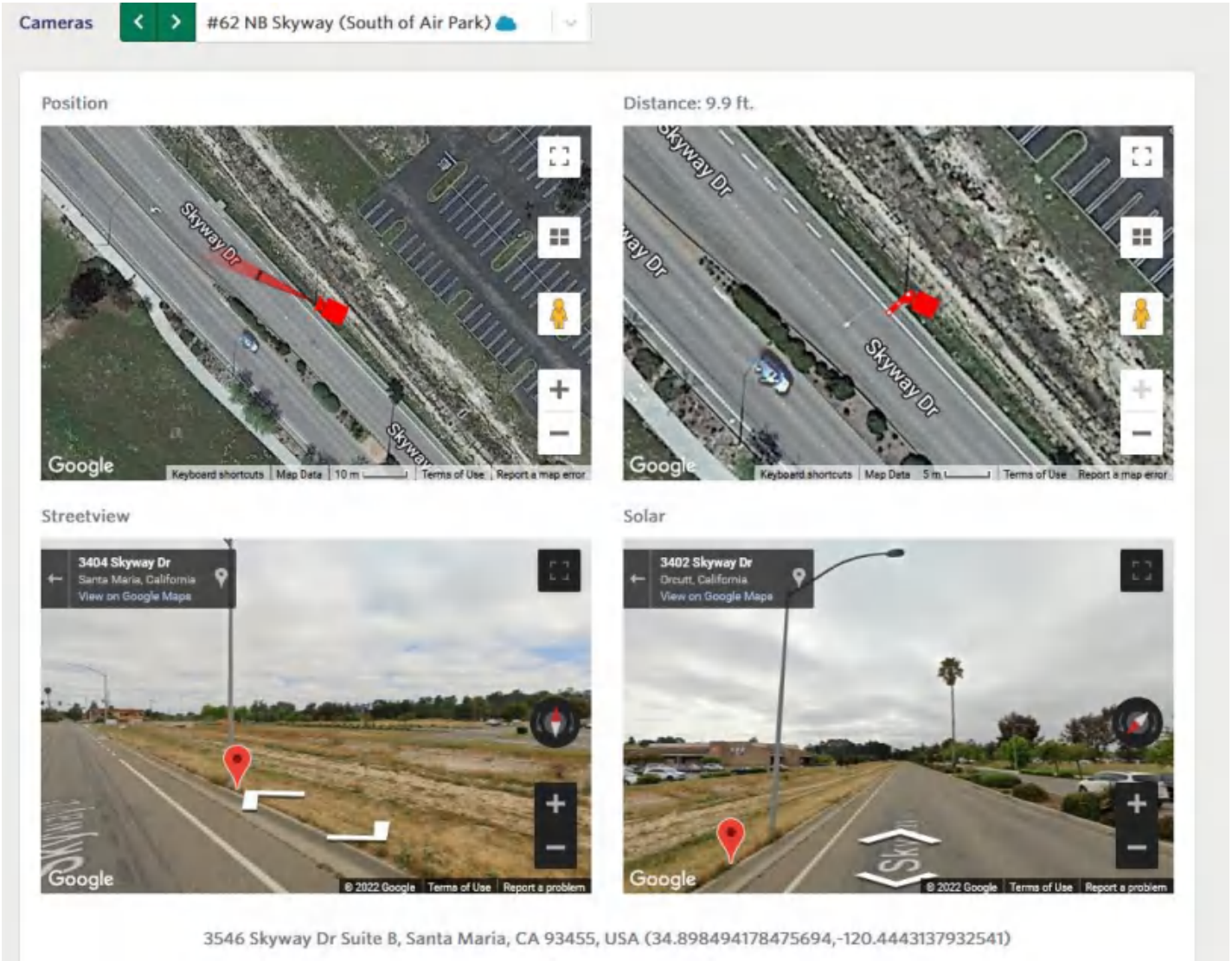
Camera 26 -NB Pine (South of Jones) installed on existing street light pole. Aimed to capture Northbound vehicle traffic.

Camera 27 - EB Main (West of Concord) installed on a Flock pole approx 2ft from the curb. Aimed to capture Eastbound vehicle traffic.

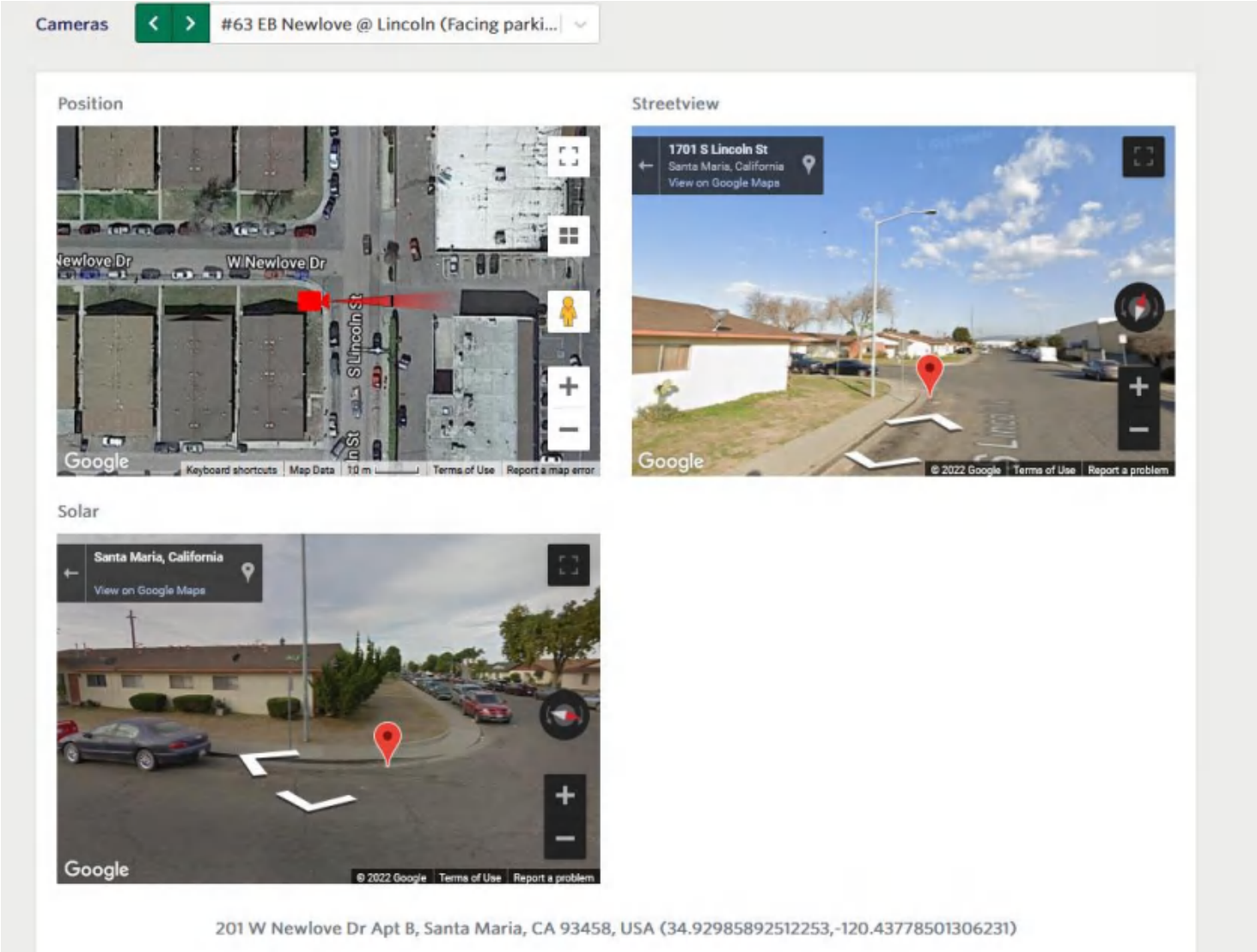


Camera 28 - NB Santa Maria Way (South of Sunrise) installed on existing street light pole. Aimed to capture Northbound vehicle traffic.

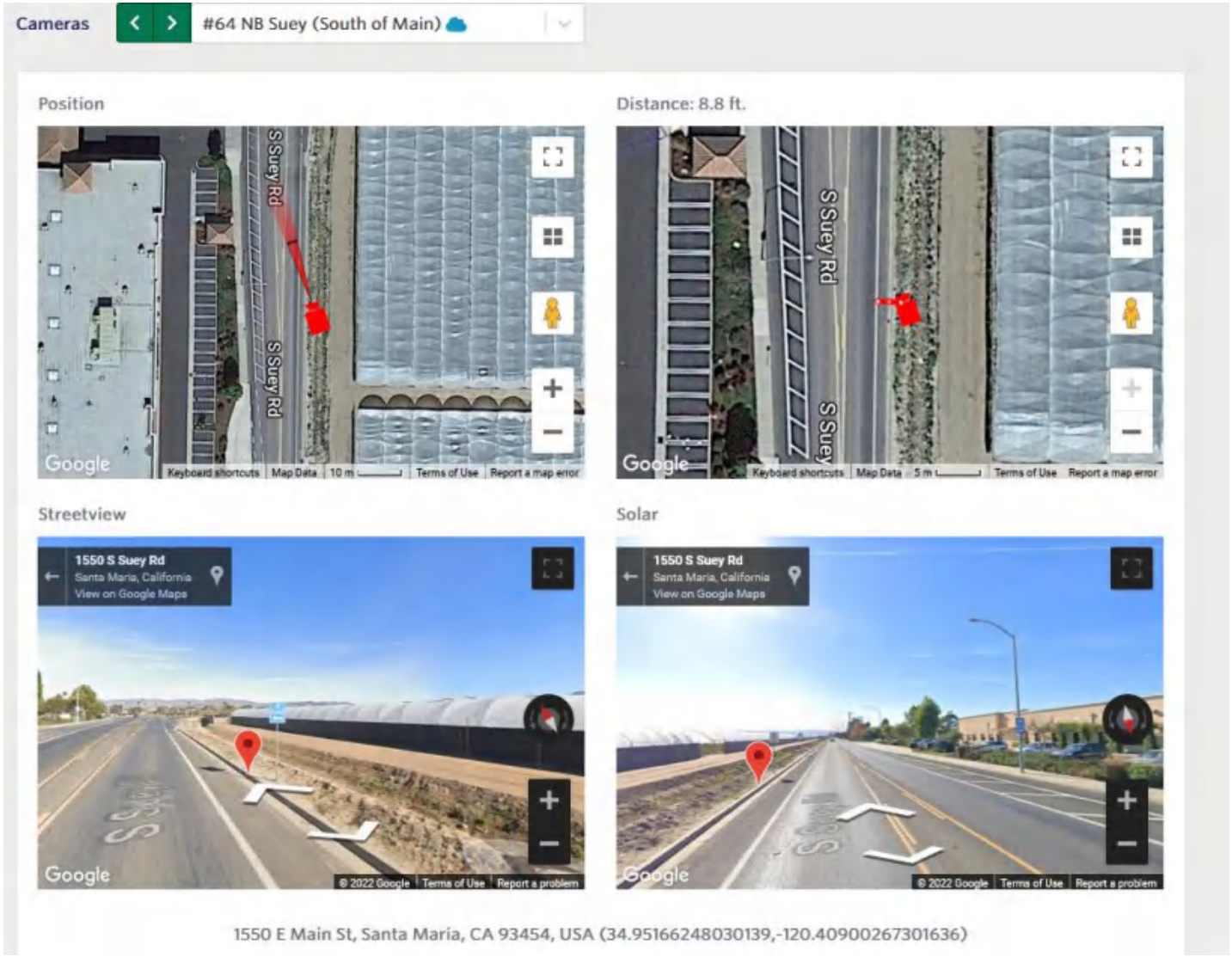
Camera 29 - EB McCoy (West of Miller) installed on existing street light pole. Aimed to capture Eastbound vehicle traffic.



Camera 30 - NB Skyway (South of Air Park) installed on existing street light pole. Aimed to capture Northbound vehicle traffic.

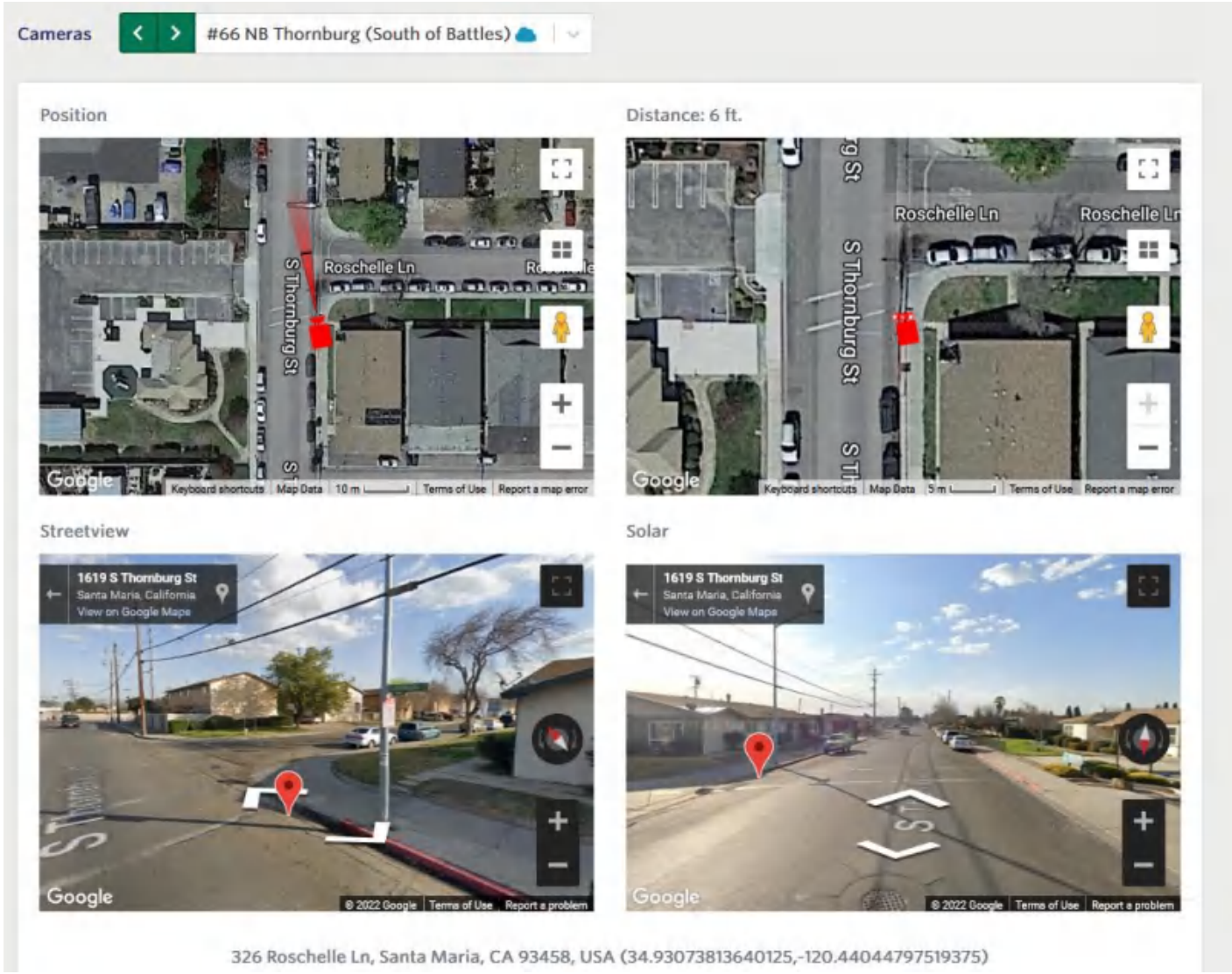


Camera 31 - EB Newlove @ Lincoln (Facing parking lot) installed on existing street light pole. Aimed to capture Eastbound vehicle traffic.

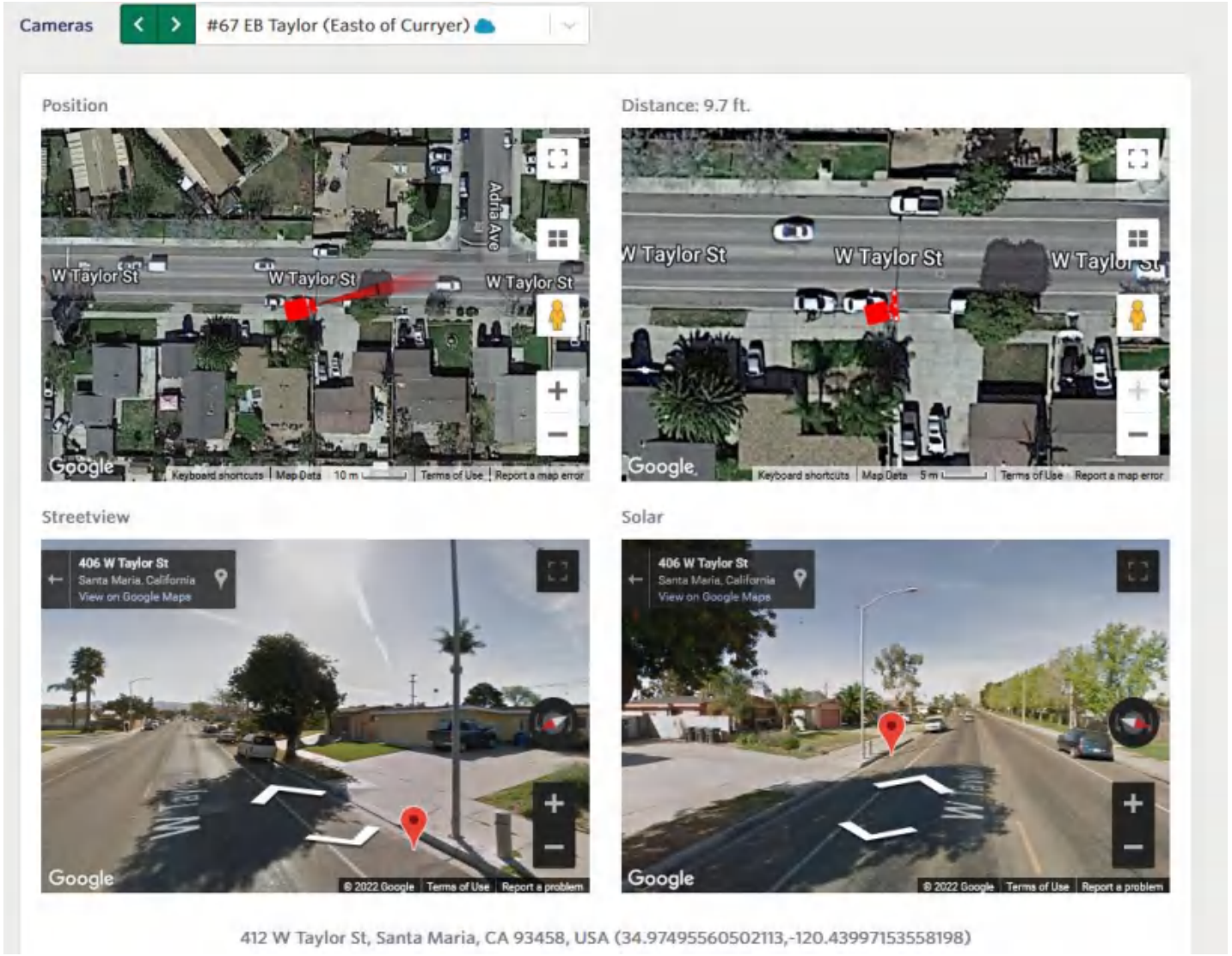


Camera 32 - NB Suey (South of Main)installed on a Flock pole approx 2ft from the curb. Aimed to capture Northbound vehicle traffic.

Camera 33 - EB Stowell (West of Entrada) installed on existing street light pole. Aimed to capture Eastbound vehicle traffic.

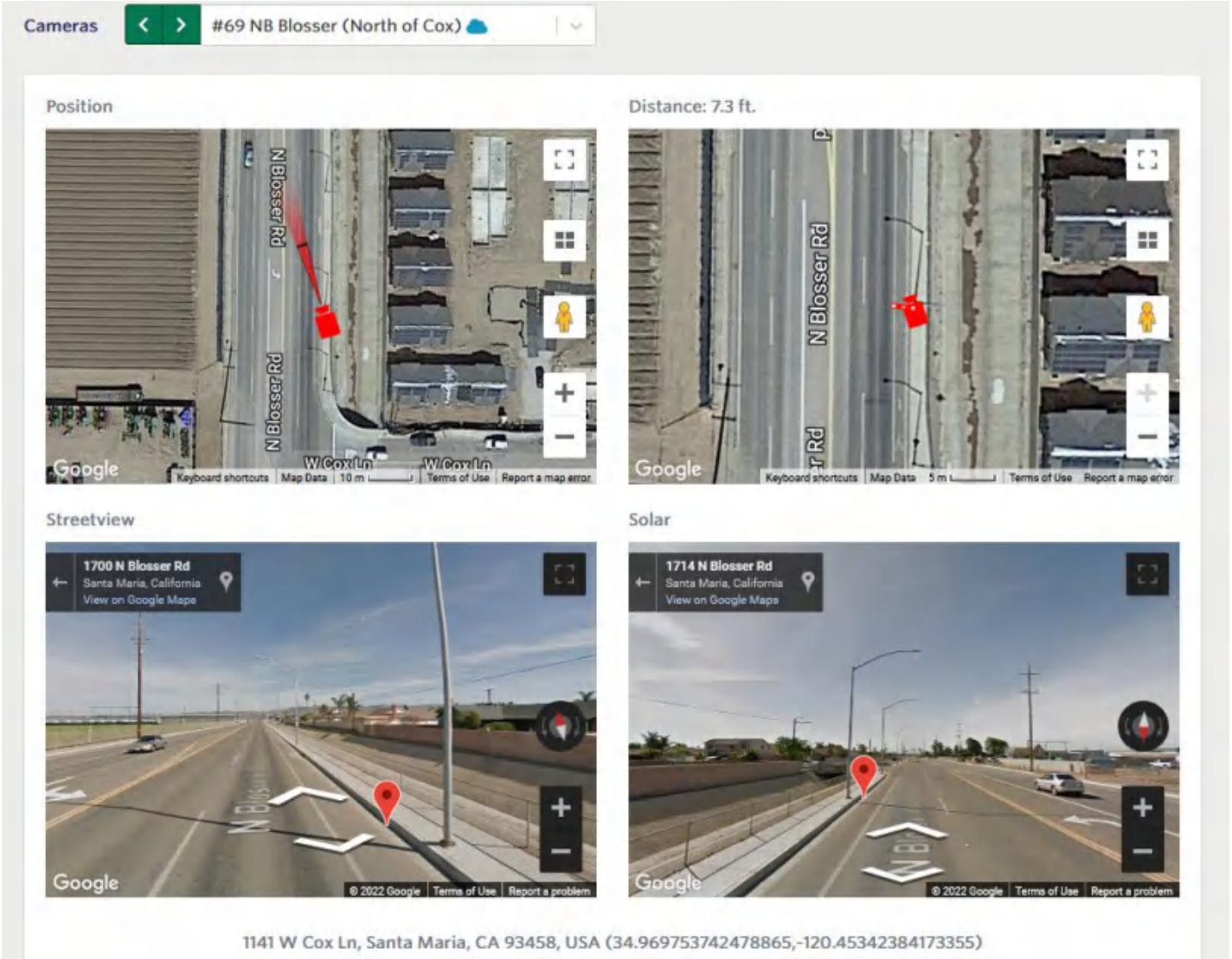


Camera 34 - NB Thornburg (South of Battles) installed on existing street light pole. Aimed to capture Northbound vehicle traffic.

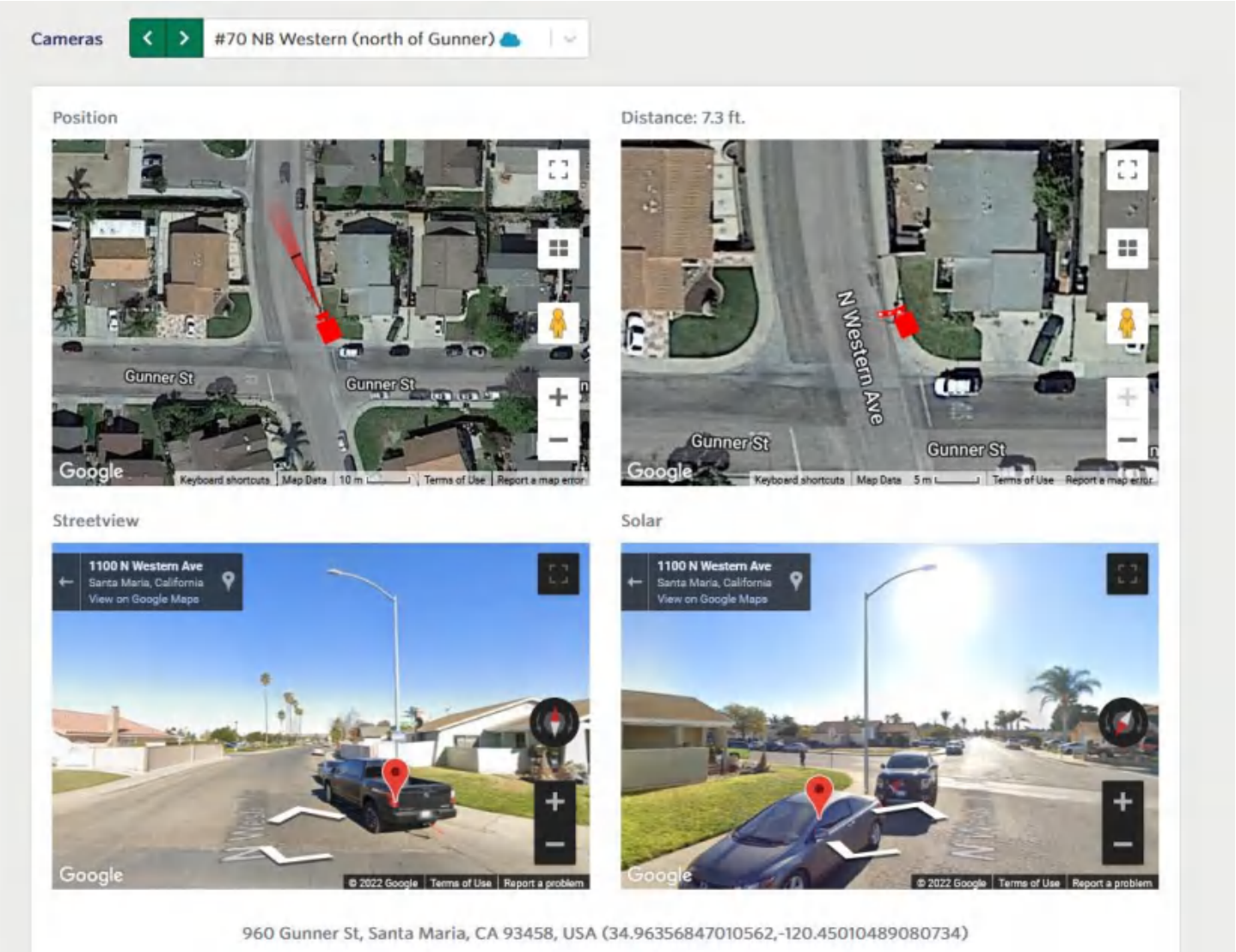


Camera 35 - EB Taylor (Easto of Curryer) installed on existing street light pole. Aimed to capture Eastbound vehicle traffic.

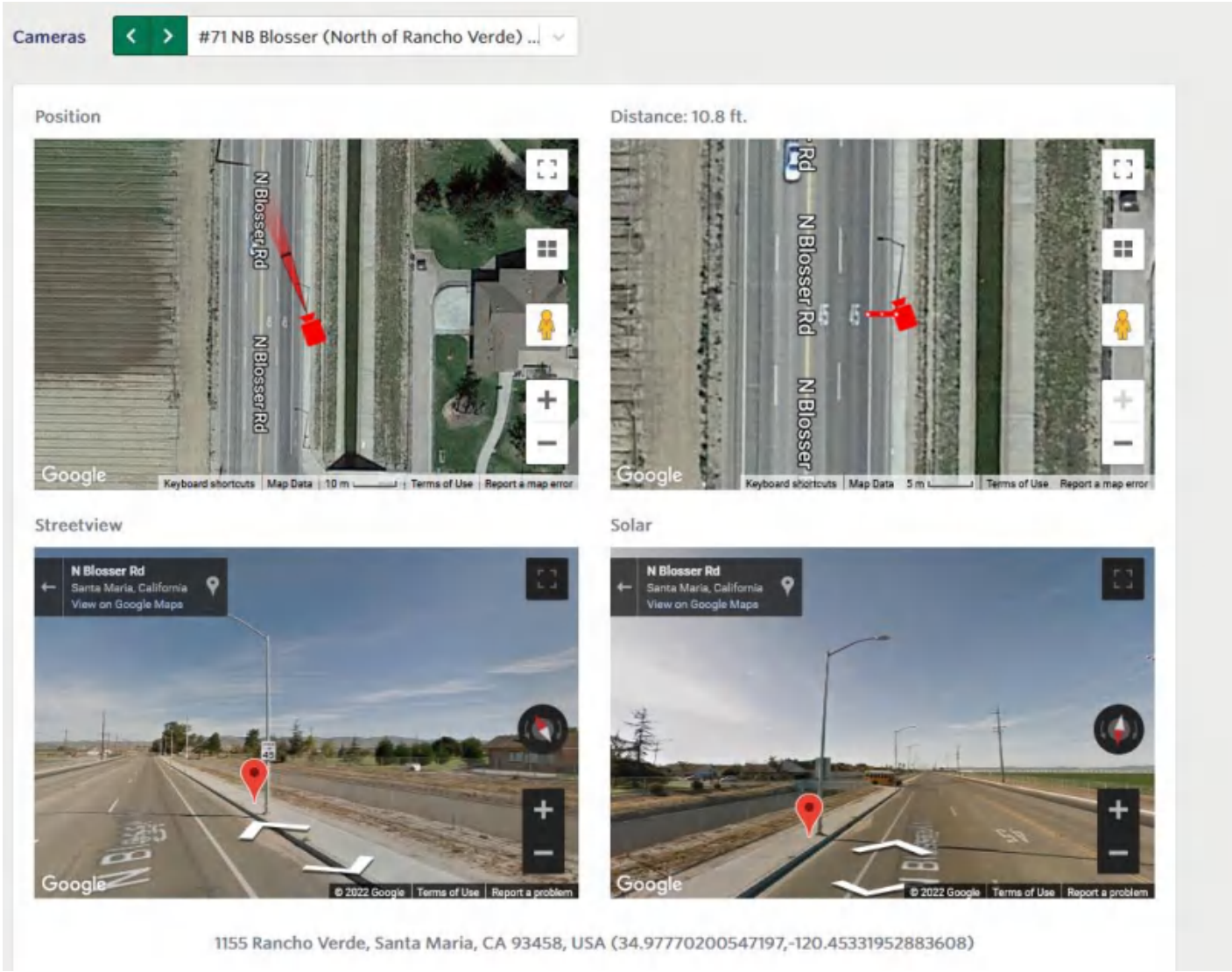
Camera 36 - NB Western (North of Cox) installed on existing street light pole. Aimed to capture Northbound vehicle traffic.



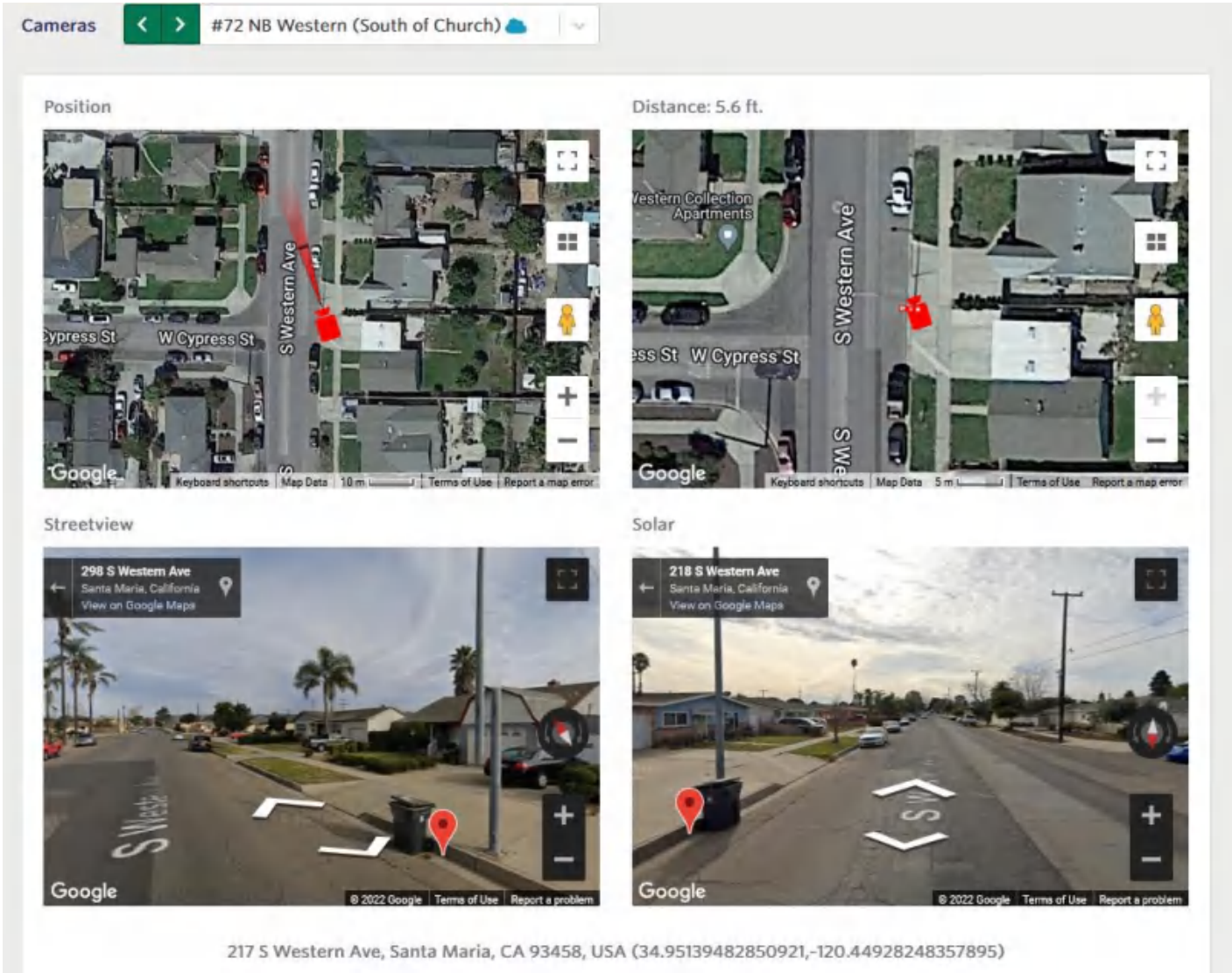
Camera 37 - NB Blosser (North of Cox) installed on existing street light pole. Aimed to capture Northbound vehicle traffic.



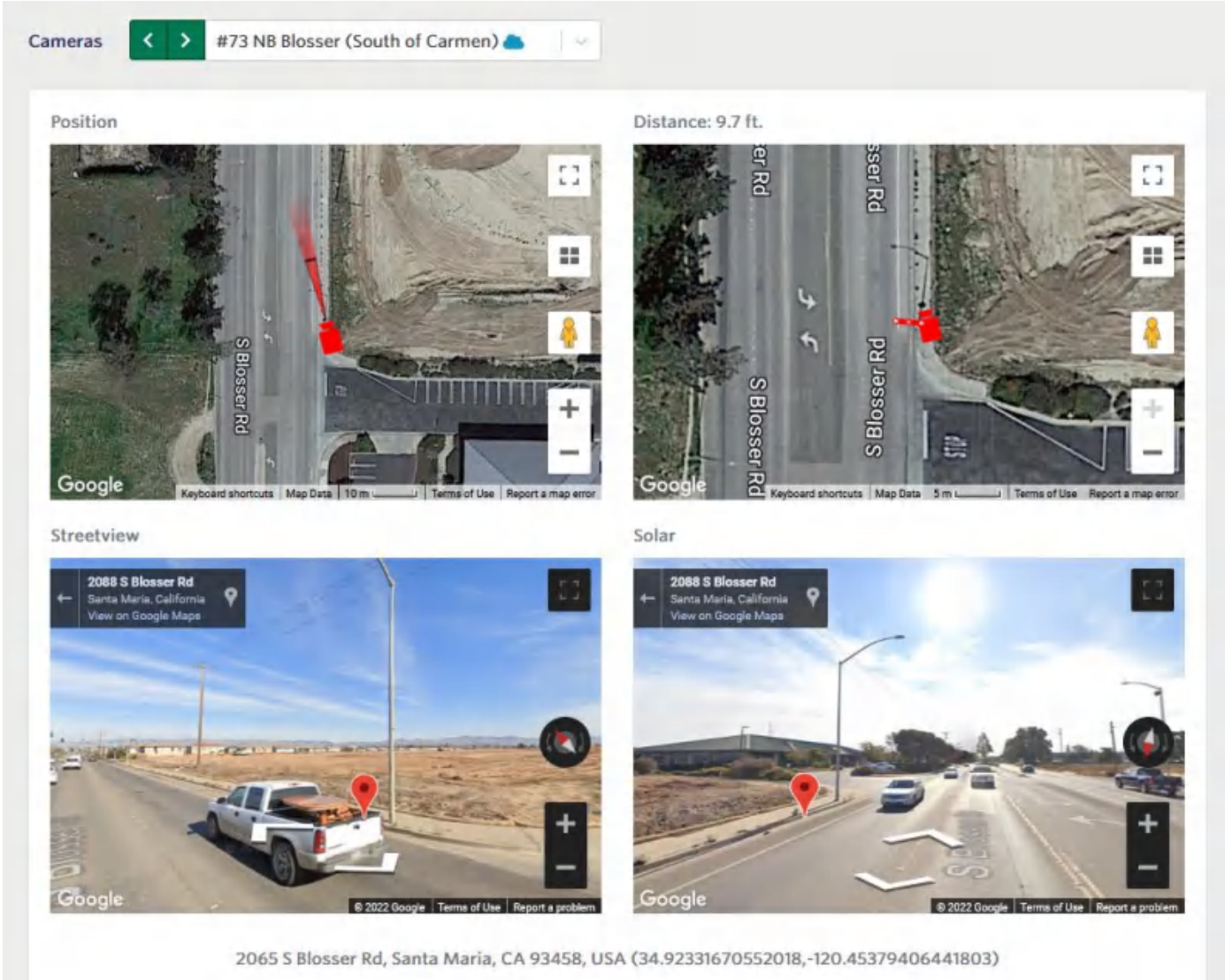
Camera 38 - NB Western (north of Gunner) installed on existing street light pole. Aimed to capture Northbound vehicle traffic.



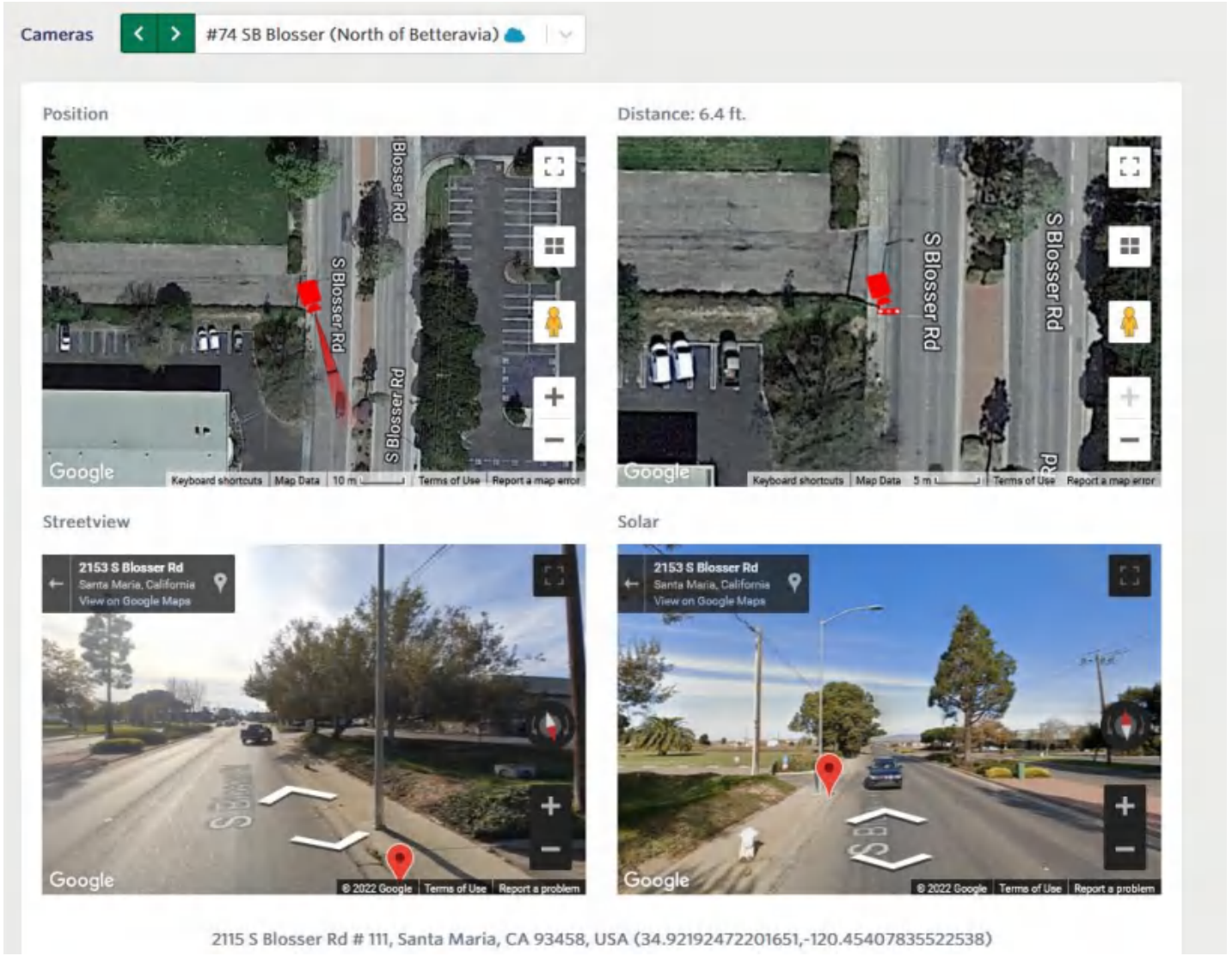
Camera 39 - NB Blosser (North of Rancho Verde) installed on existing street light pole. Aimed to capture Northbound vehicle traffic.



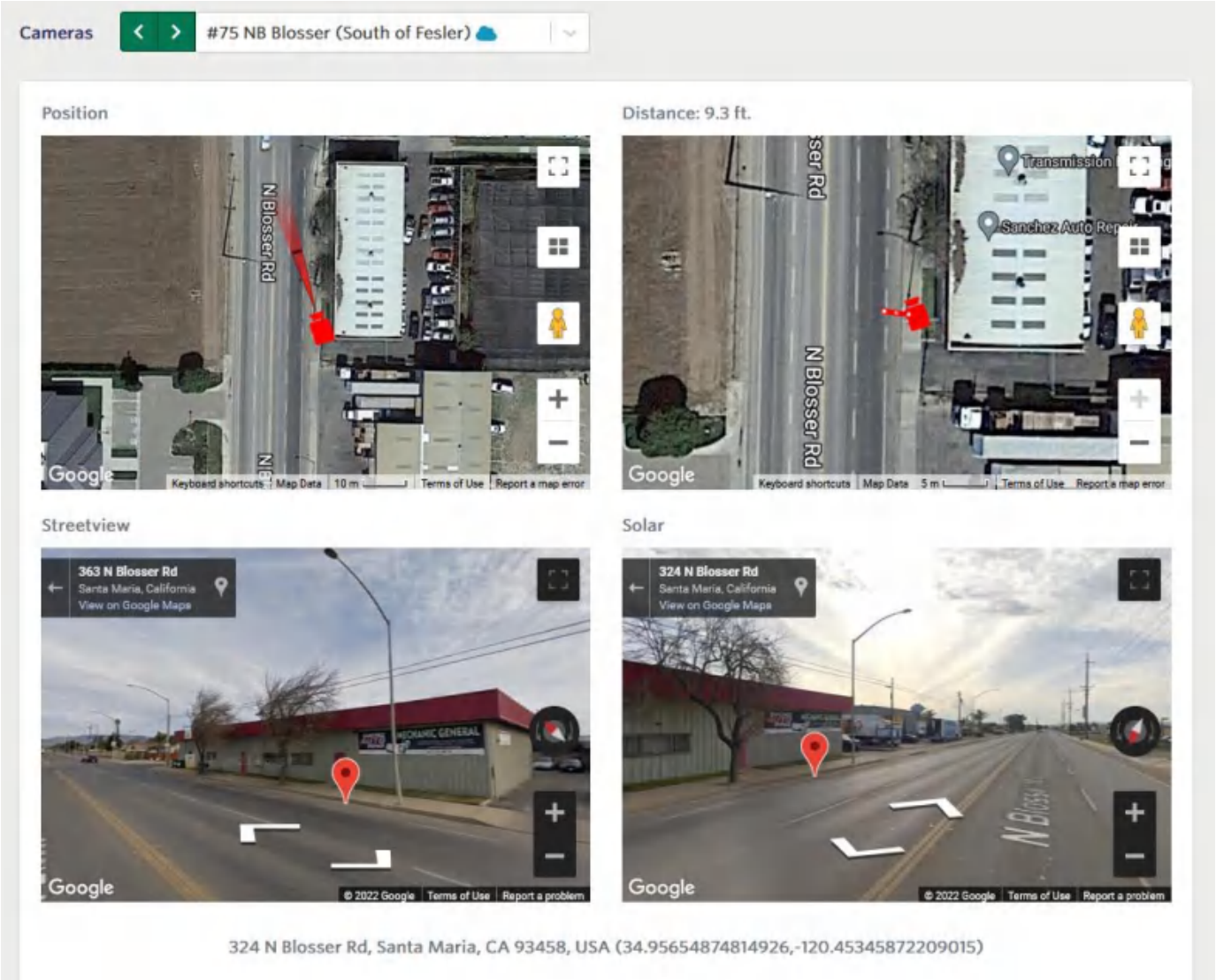
Camera 40 - NB Western (South of Church) installed on existing street light pole. Aimed to capture Northbound vehicle traffic.



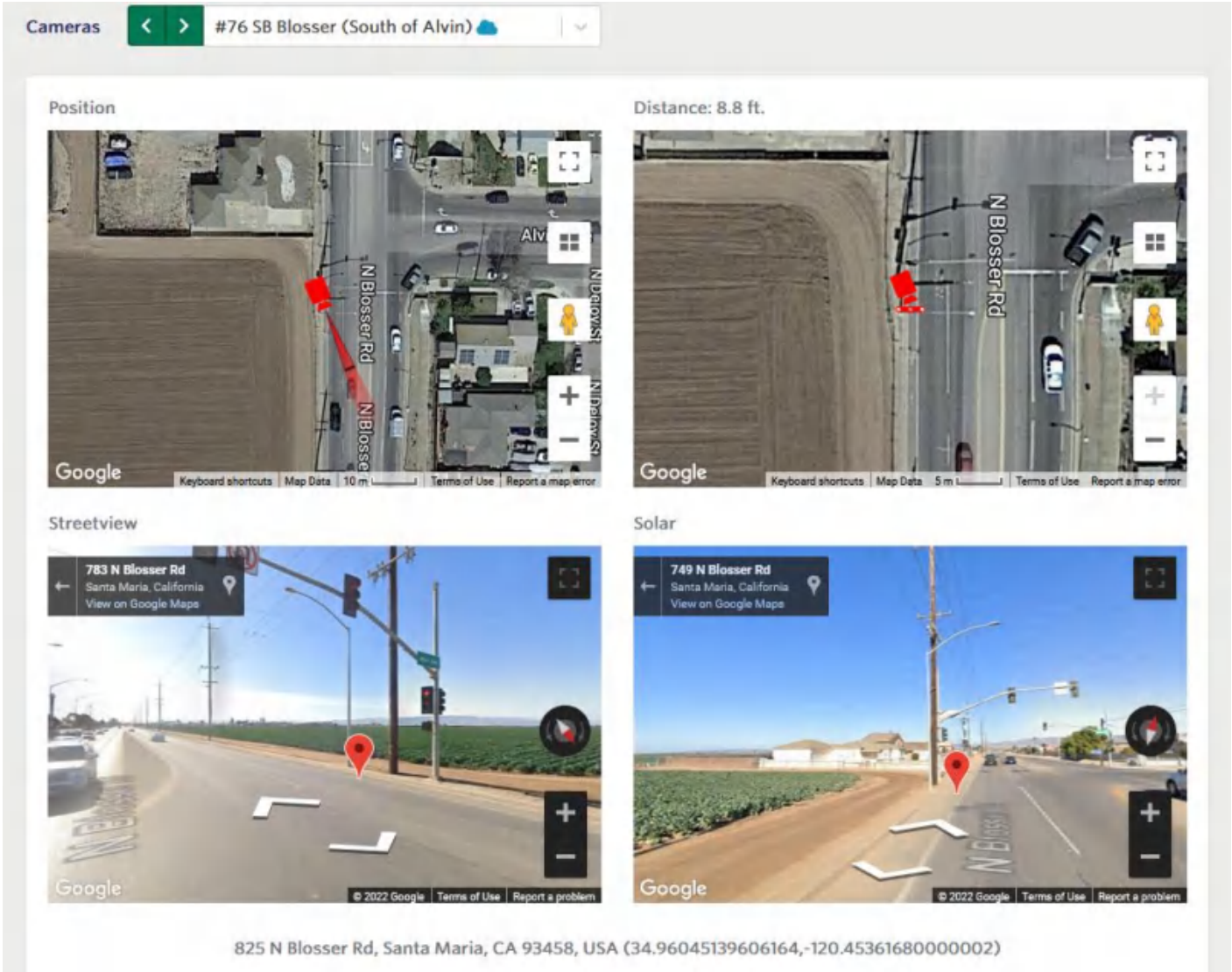
Camera 41 - NB Blosser (South of Carmen) installed on existing street light pole. Aimed to capture Northbound vehicle traffic.



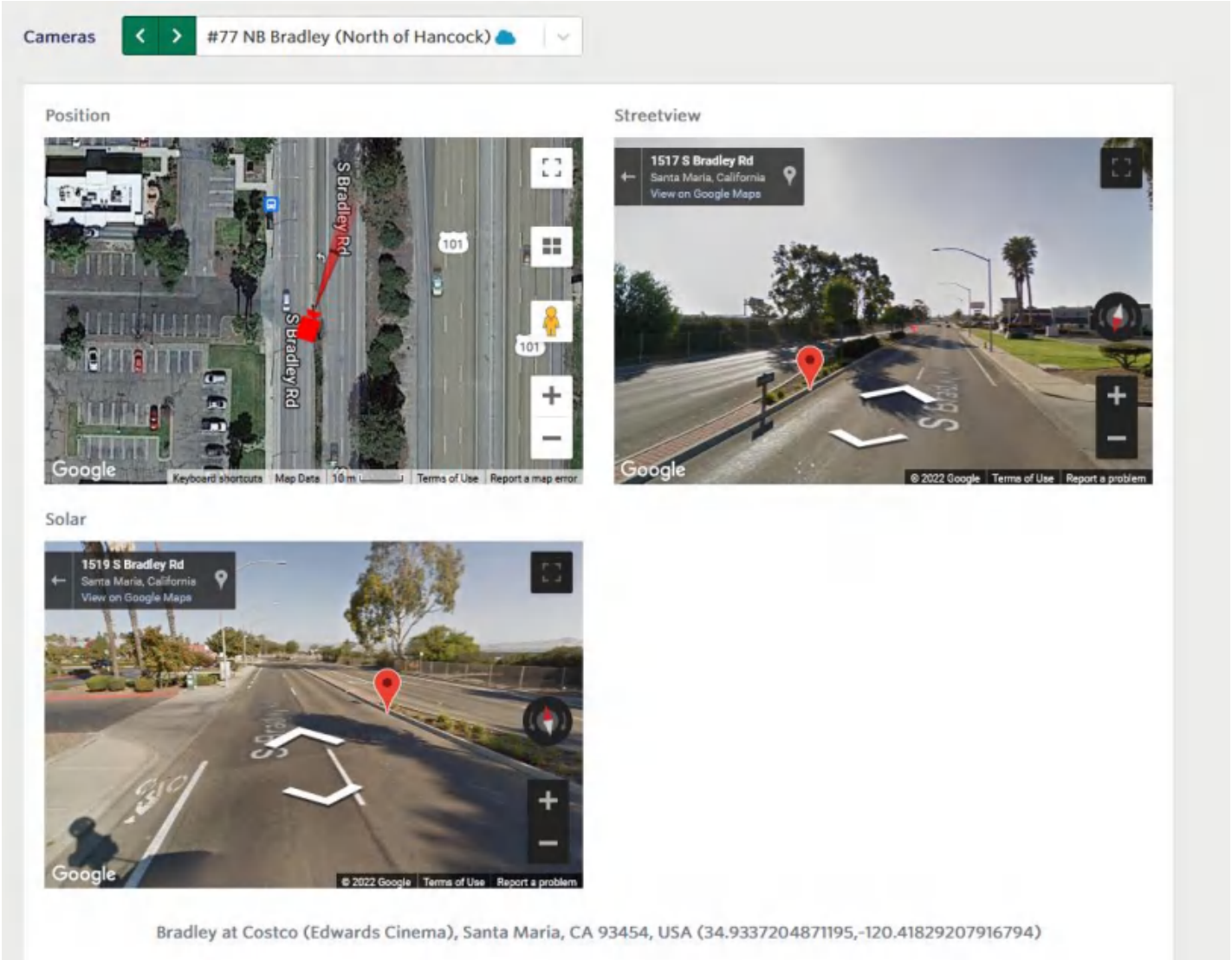
Camera 42 - SB Blosser (North of Betteravia) installed on existing street light pole. Aimed to capture Southbound vehicle traffic.



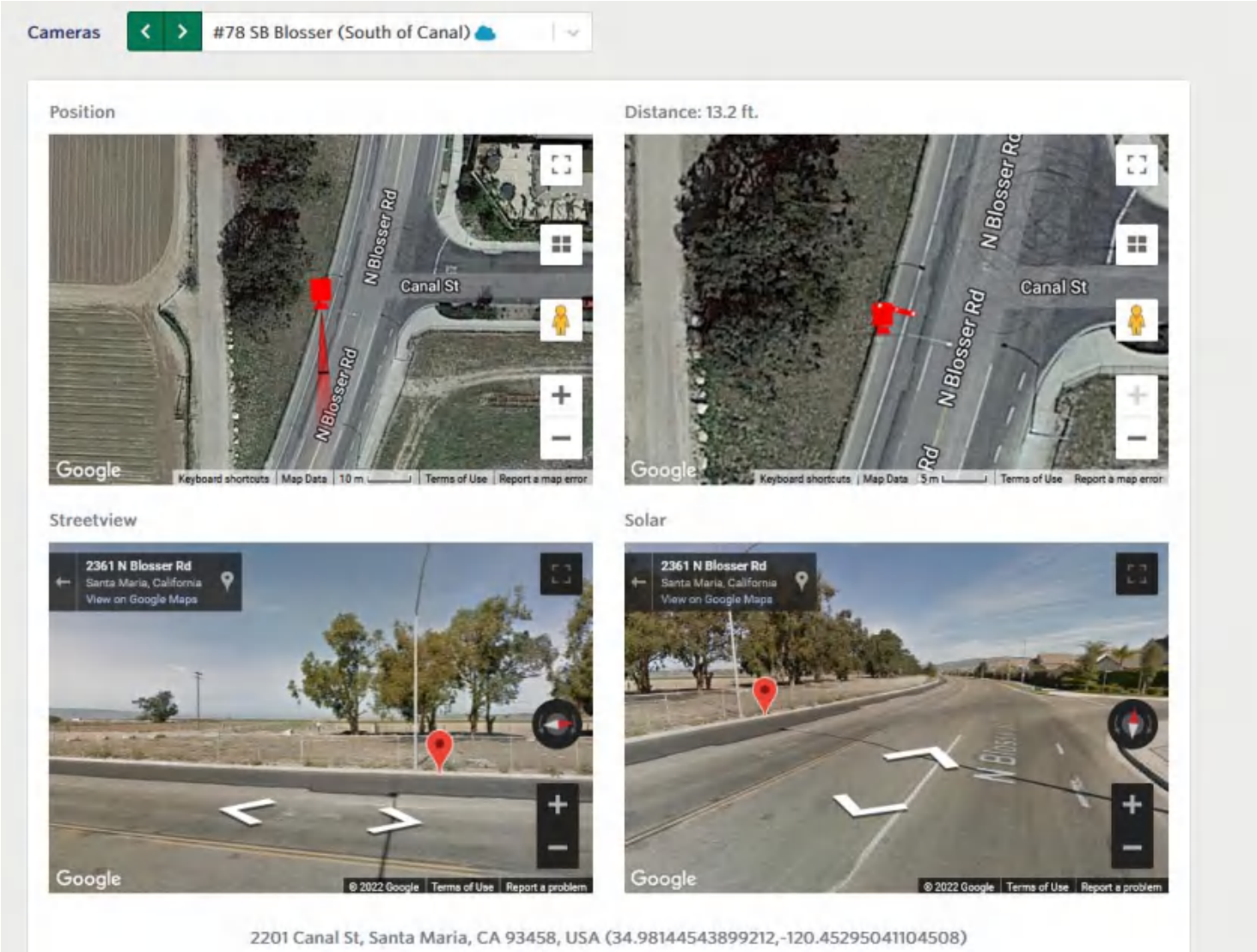
Camera 43 - NB Blosser (South of Fesler) installed on existing street light pole. Aimed to capture Northbound vehicle traffic.



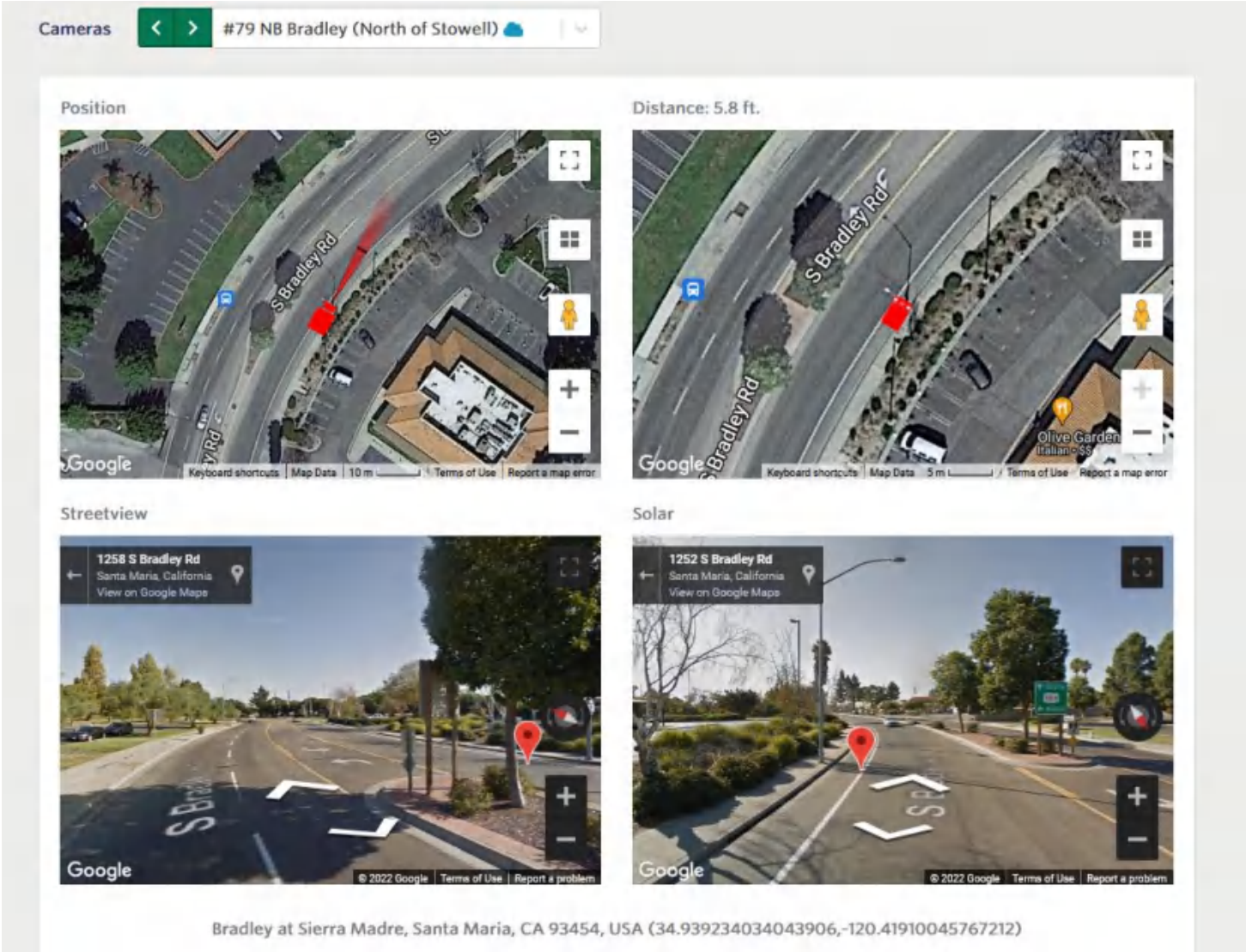
Camera 44 - SB Blosser (South of Alvin) installed on existing street light pole. Aimed to capture Southbound vehicle traffic.



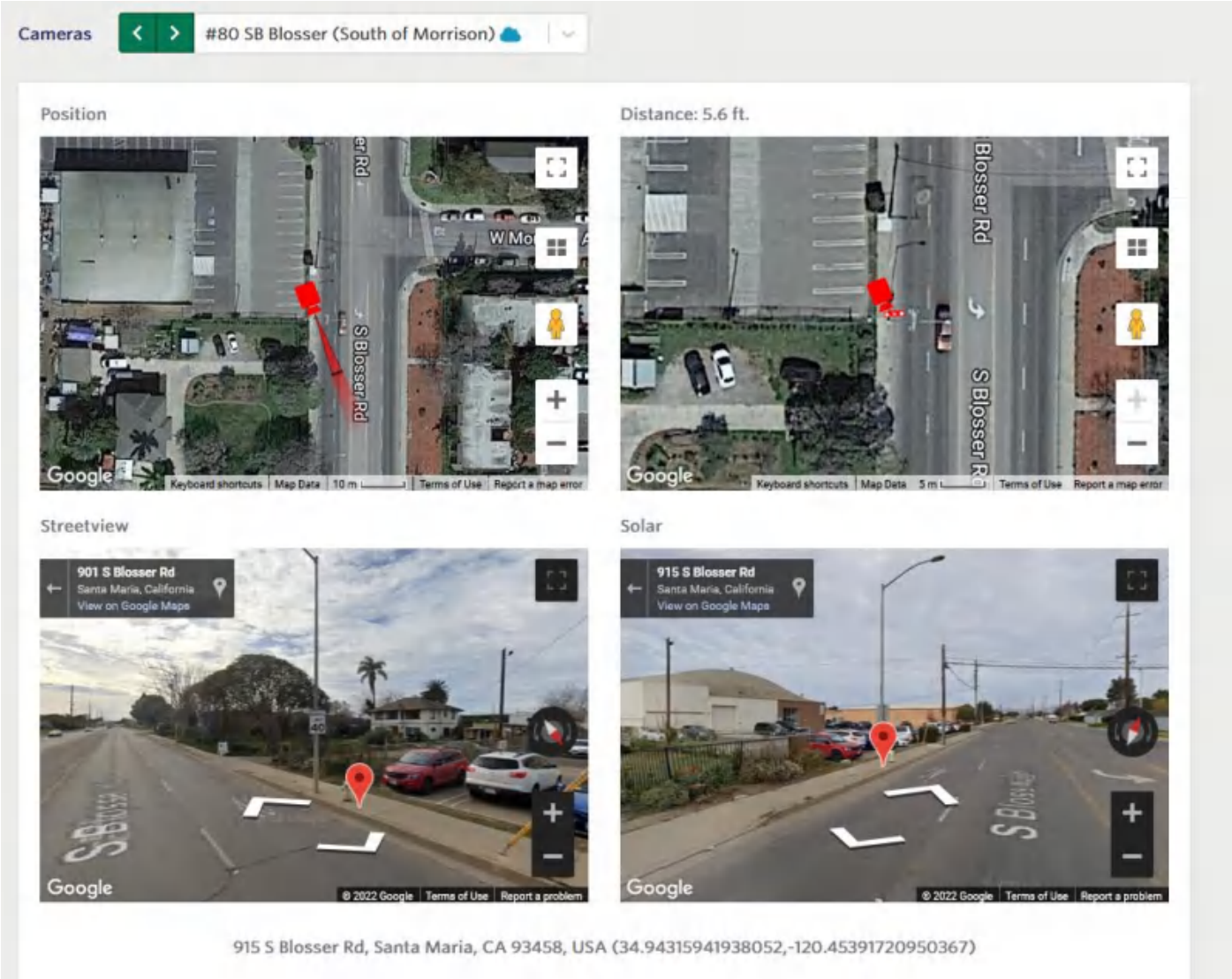
Camera 45 - NB Bradley (North of Hancock)installed on a Flock pole approx 2ft from the curb. Aimed to capture Northbound vehicle traffic.



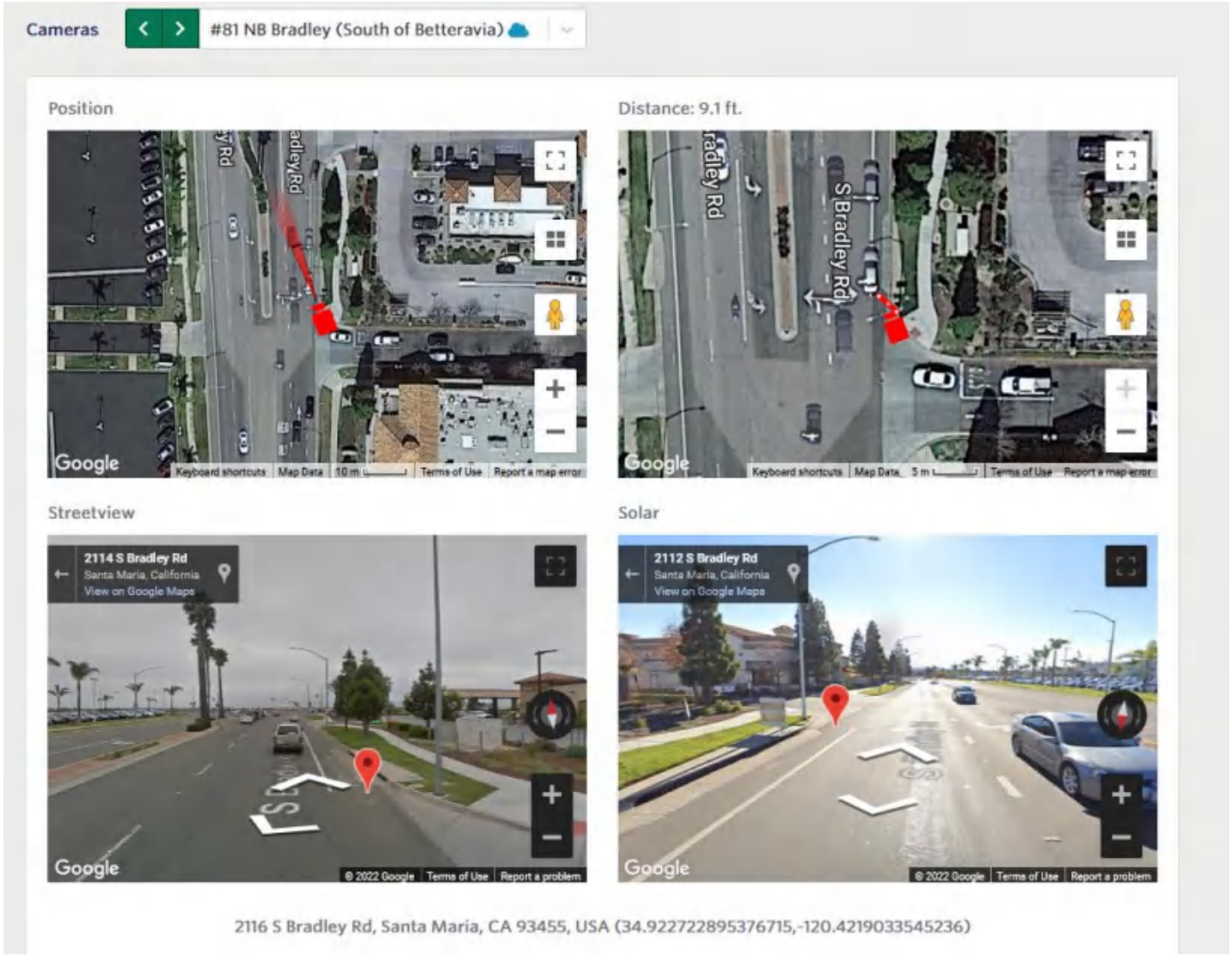
Camera 46 - SB Blosser (South of Canal) installed on existing street light pole. Aimed to capture Southbound vehicle traffic.



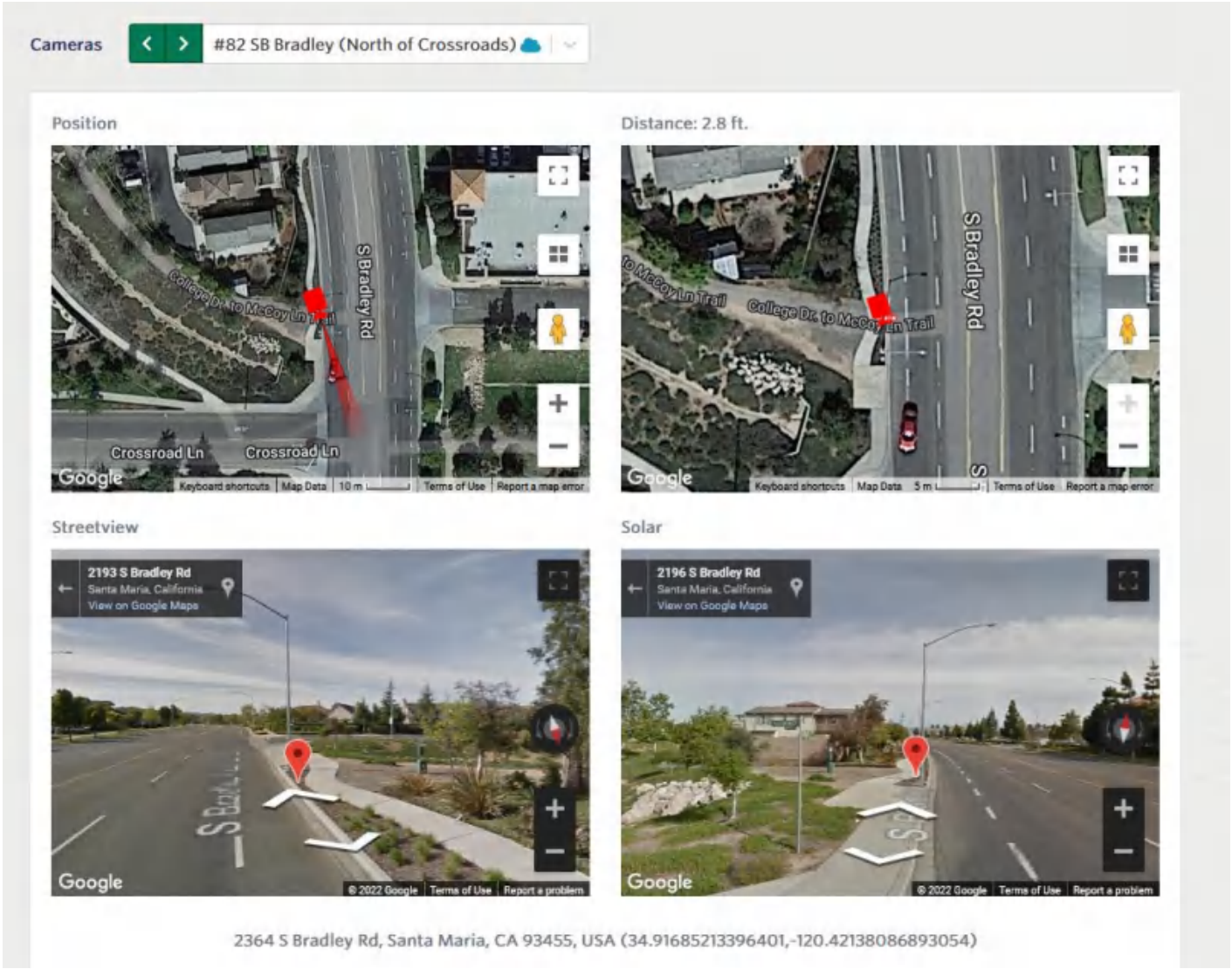
Camera 47 - NB Bradley (North of Stowell) installed on existing street light pole. Aimed to capture Northbound vehicle traffic.



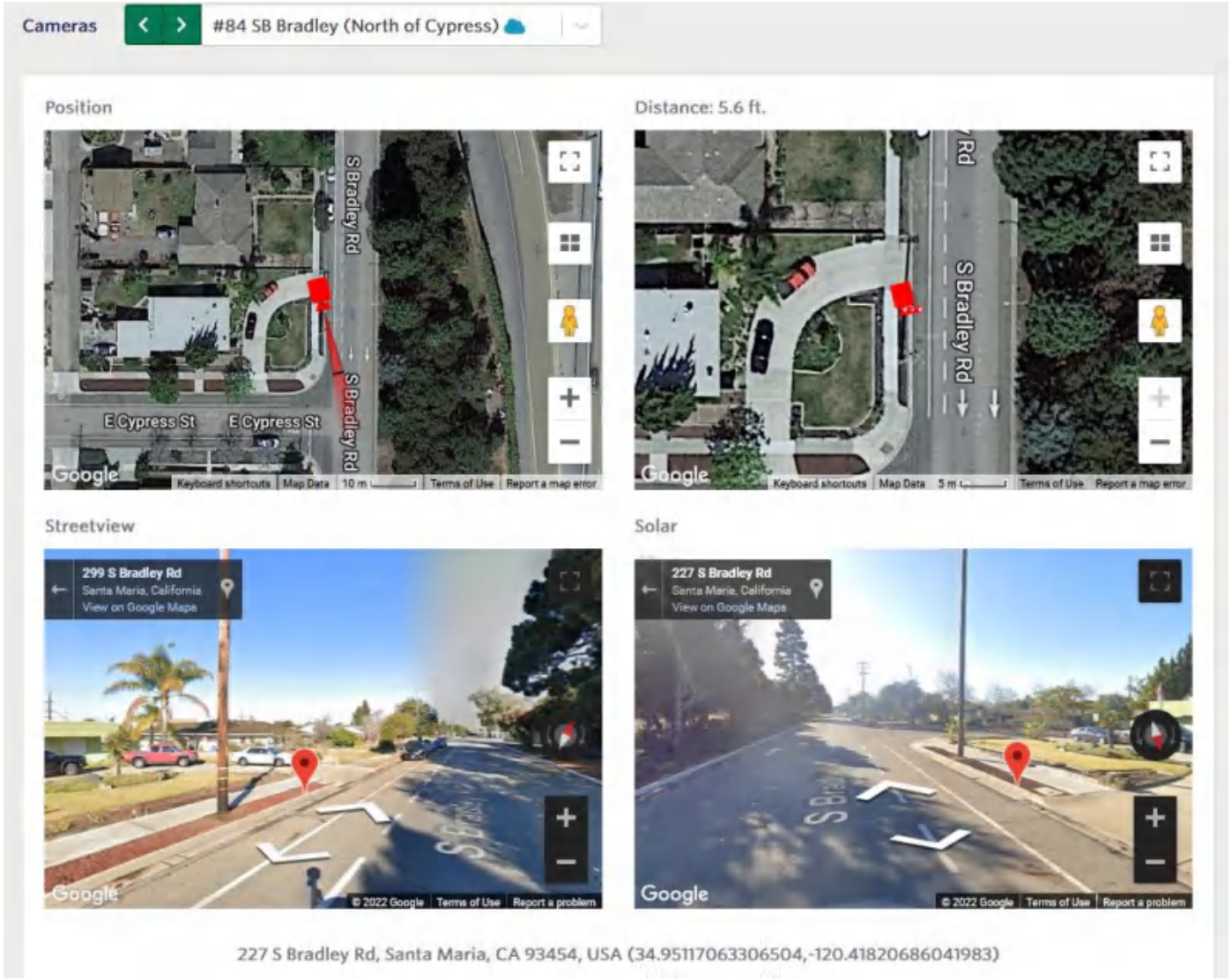
Camera 48 - SB Blosser (South of Morrison) installed on existing street light pole. Aimed to capture Southbound vehicle traffic.



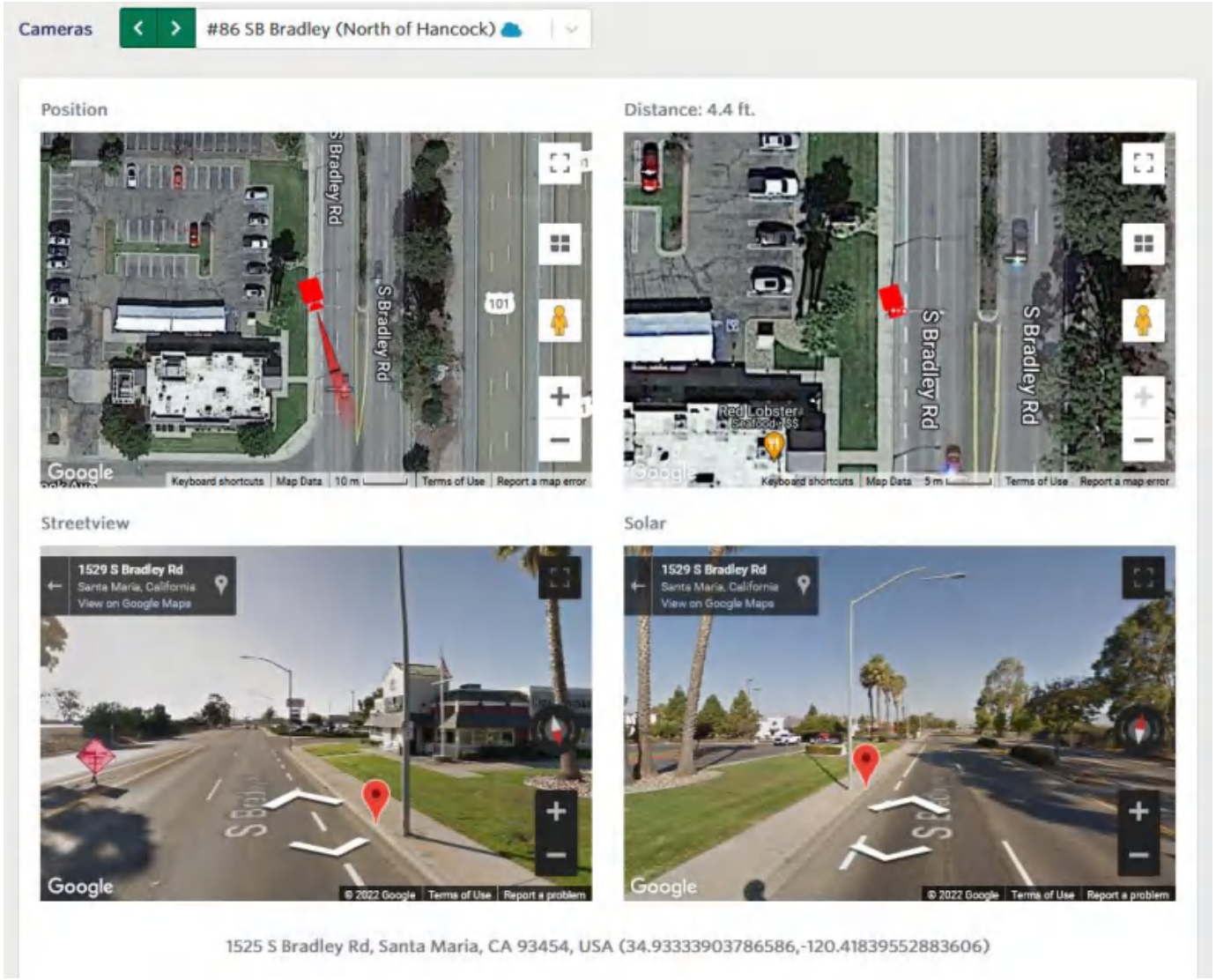
Camera 49 - NB Bradley (South of Betteravia) installed on existing street light pole. Aimed to capture Northbound vehicle traffic.



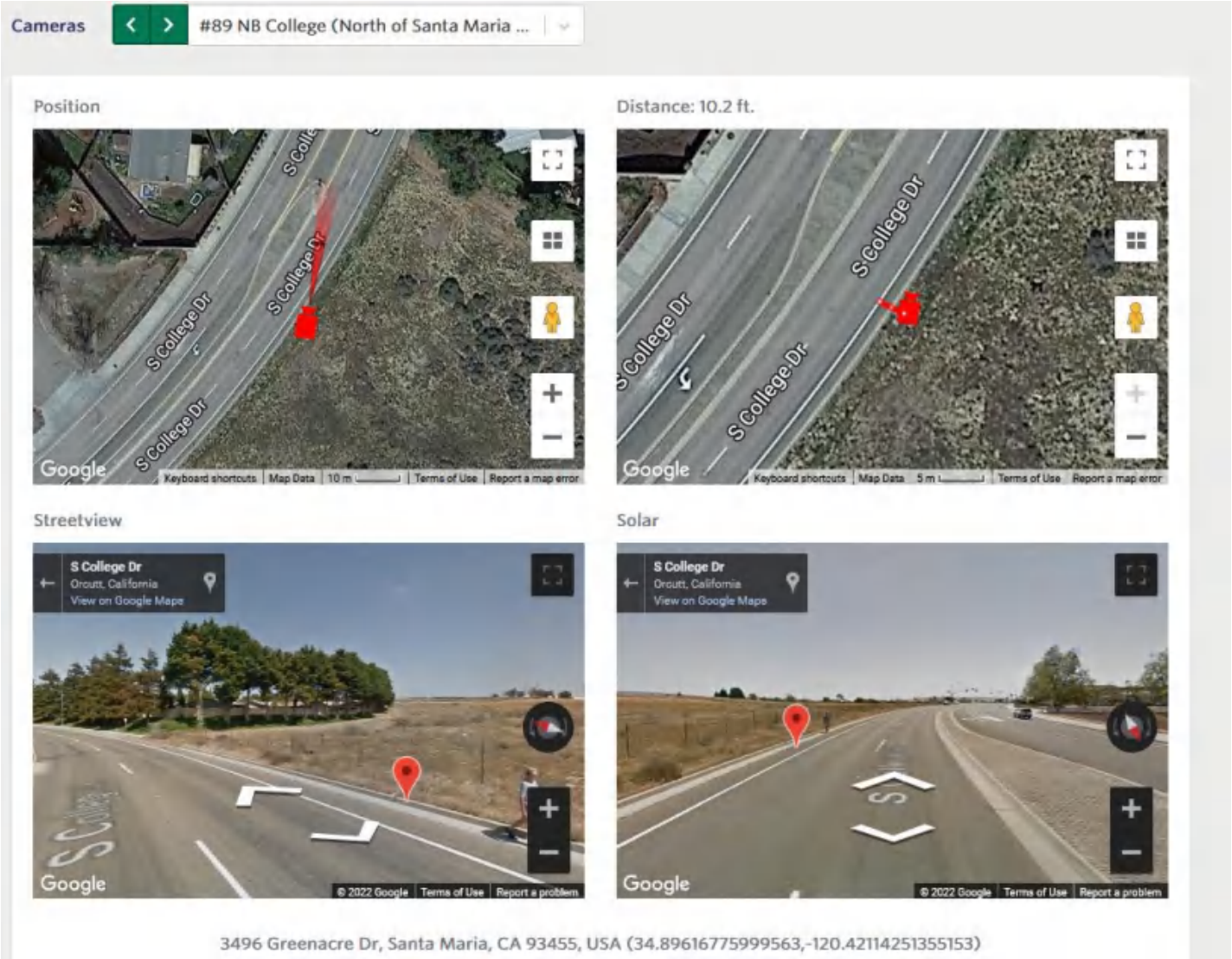
Camera 50 - SB Bradley (North of Crossroads) installed on existing street light pole. Aimed to capture Southbound vehicle traffic.



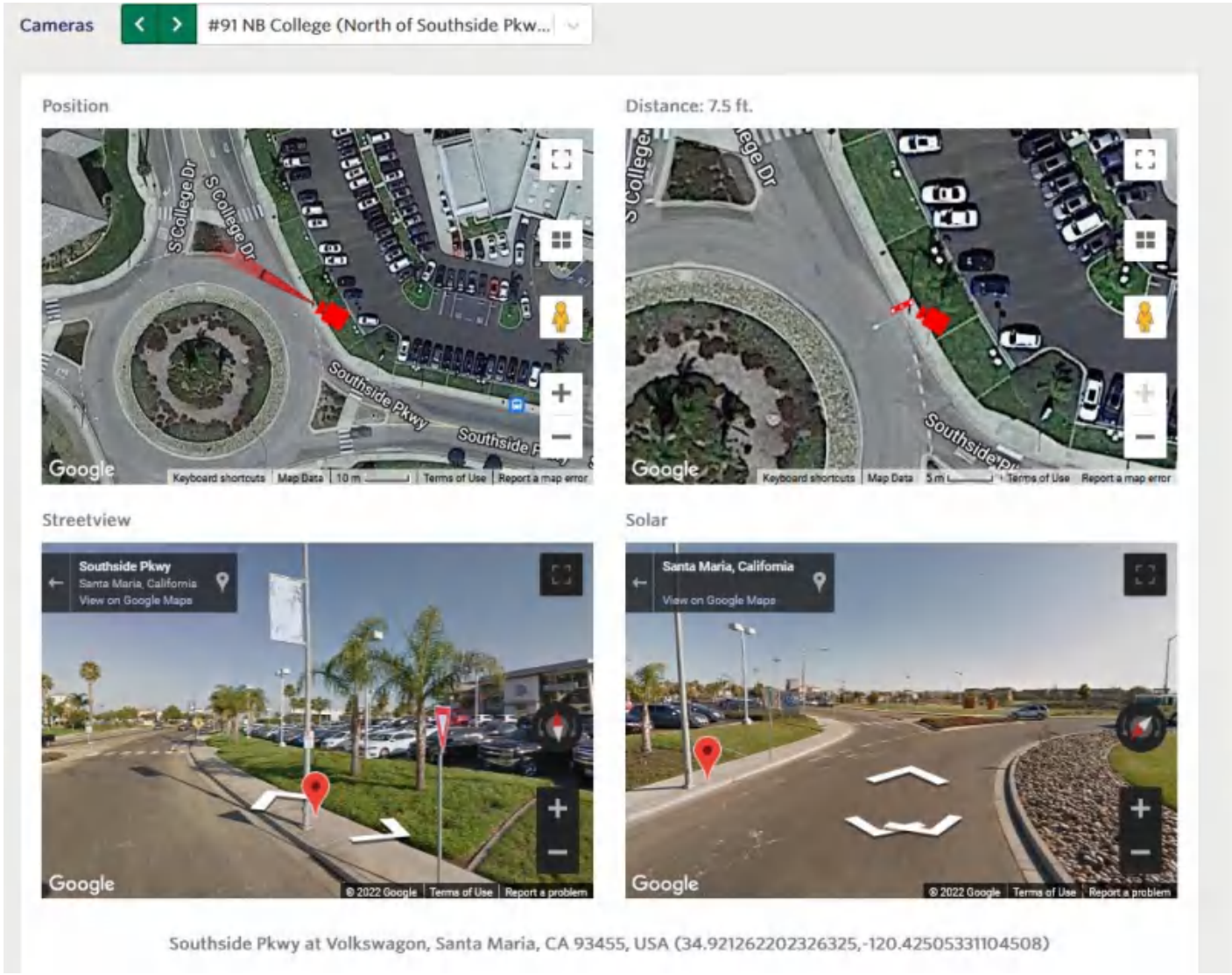
Camera 51 - SB Bradley (North of Cypress installed on a Flock pole approx 2ft from the curb. Aimed to capture Southbound vehicle traffic.



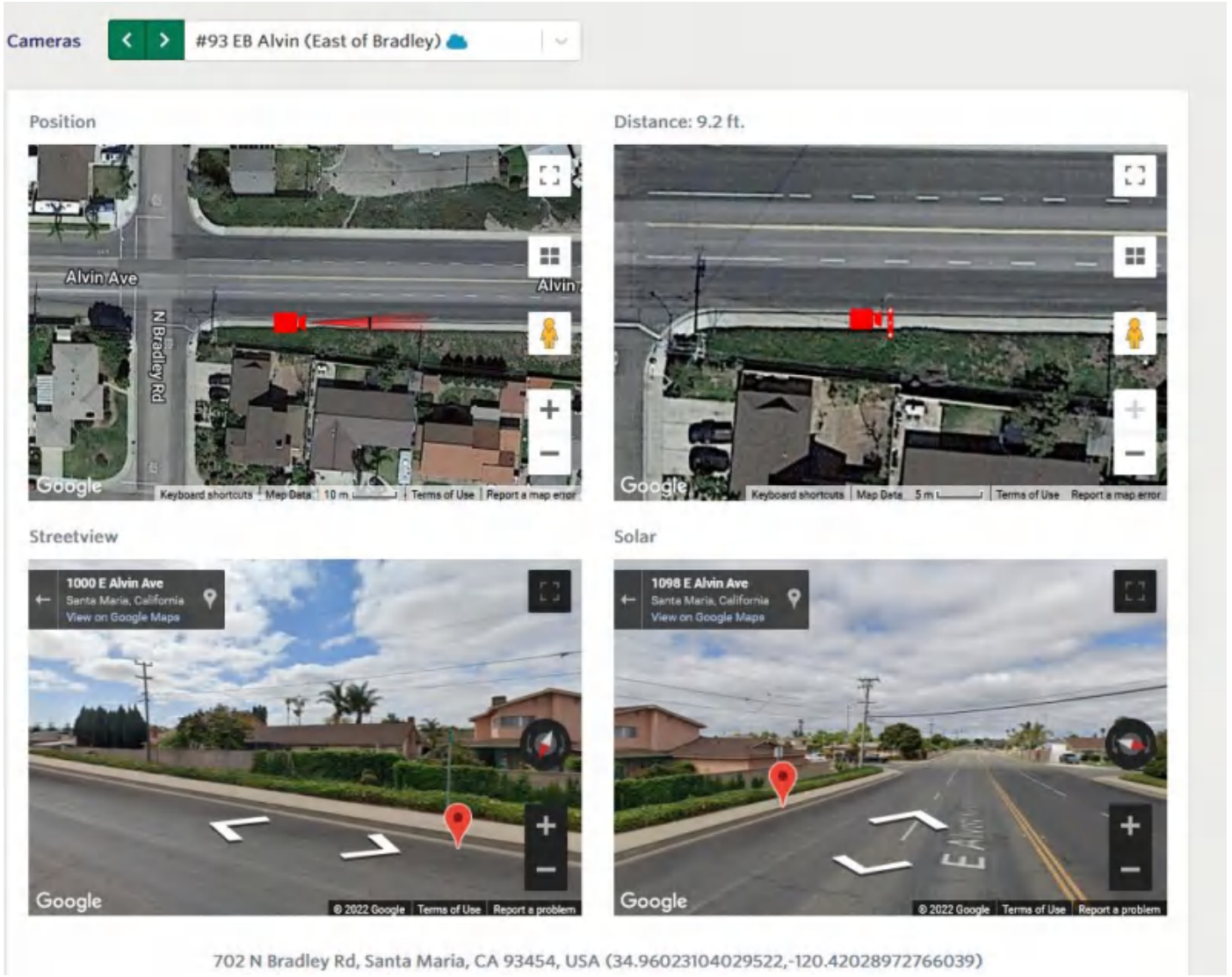
Camera 52 - SB Bradley (North of Hancock) installed on existing street light pole. Aimed to capture Southbound vehicle traffic.



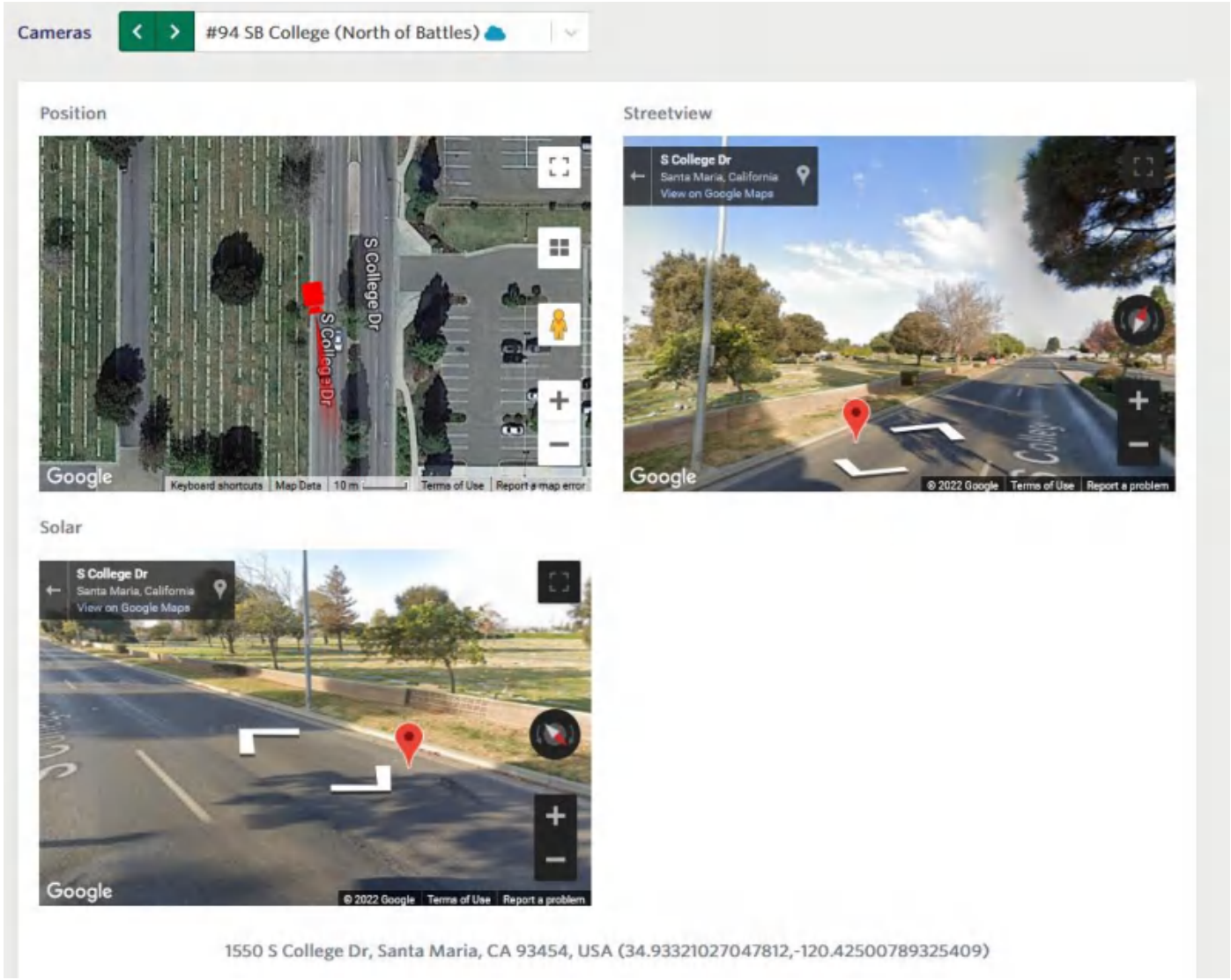
Camera 53 - NB College (North of Santa Maria Way)installed on a Flock pole approx 3ft from the curb. Aimed to capture Northbound vehicle traffic.



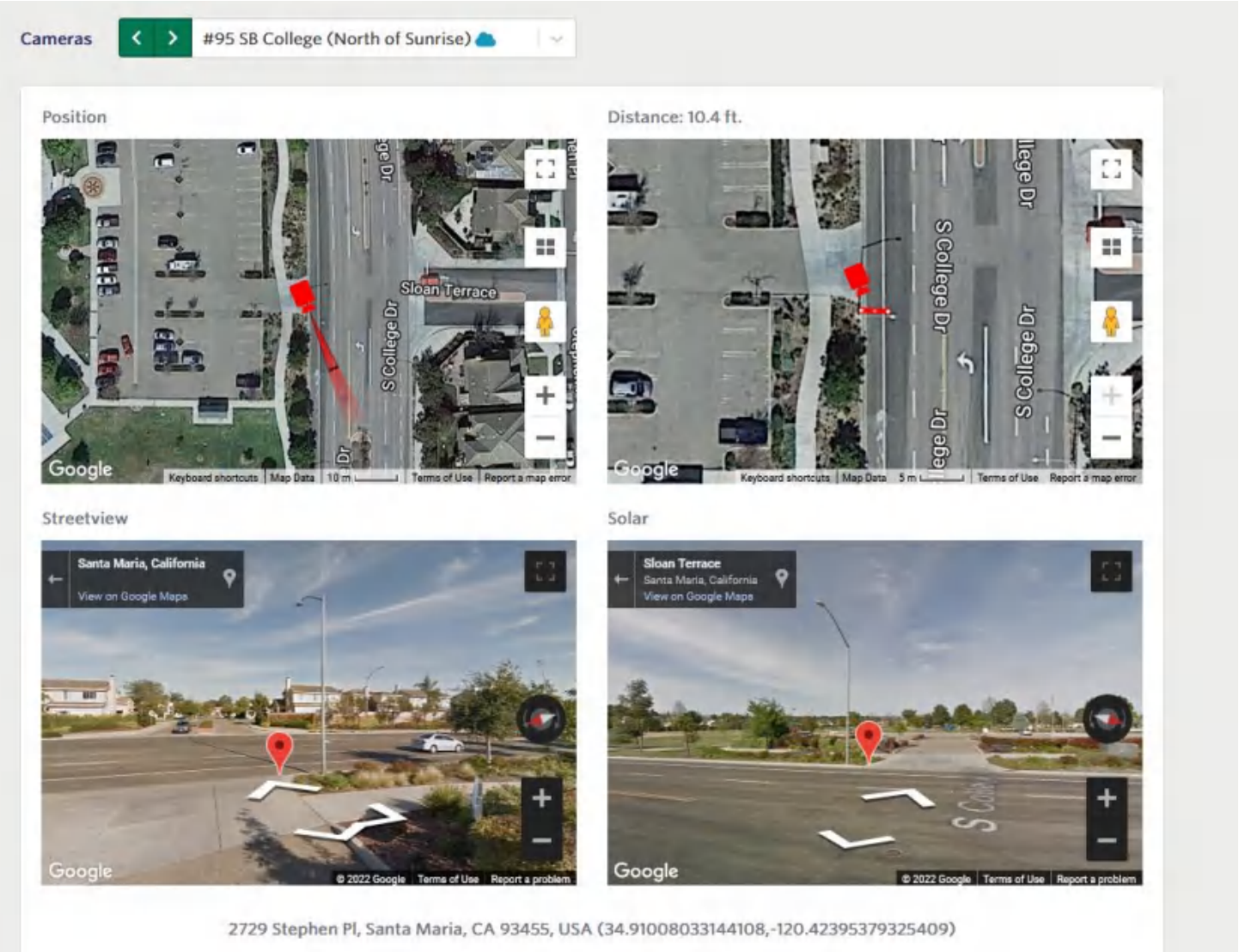
Camera 54 - NB College (North of Southside Pkwy) installed on existing street light pole. Aimed to capture Northbound vehicle traffic.



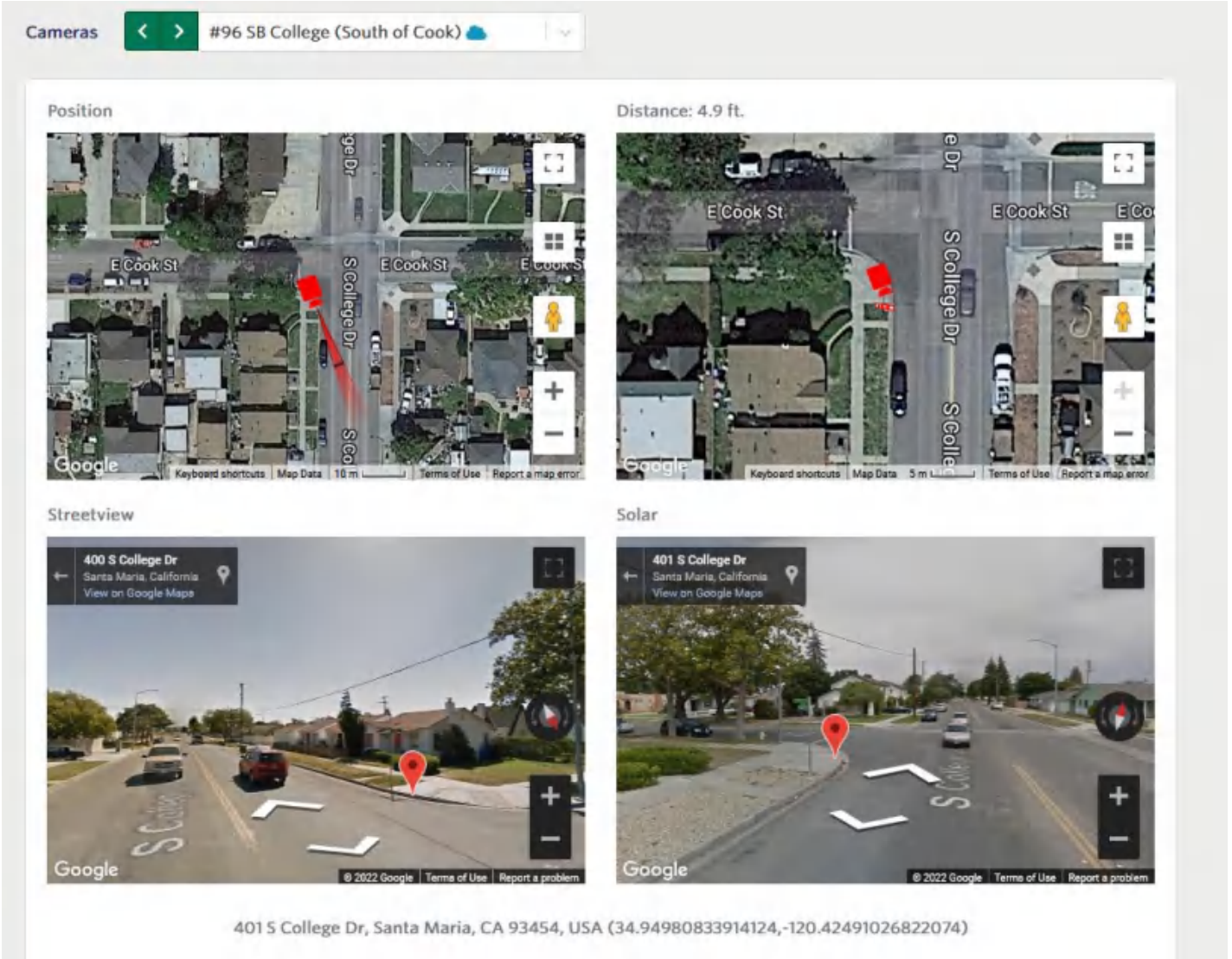
Camera 55 - EB Alvin (East of Bradley) installed on a Flock pole approx 9ft from the curb. Aimed to capture Eastbound vehicle traffic.



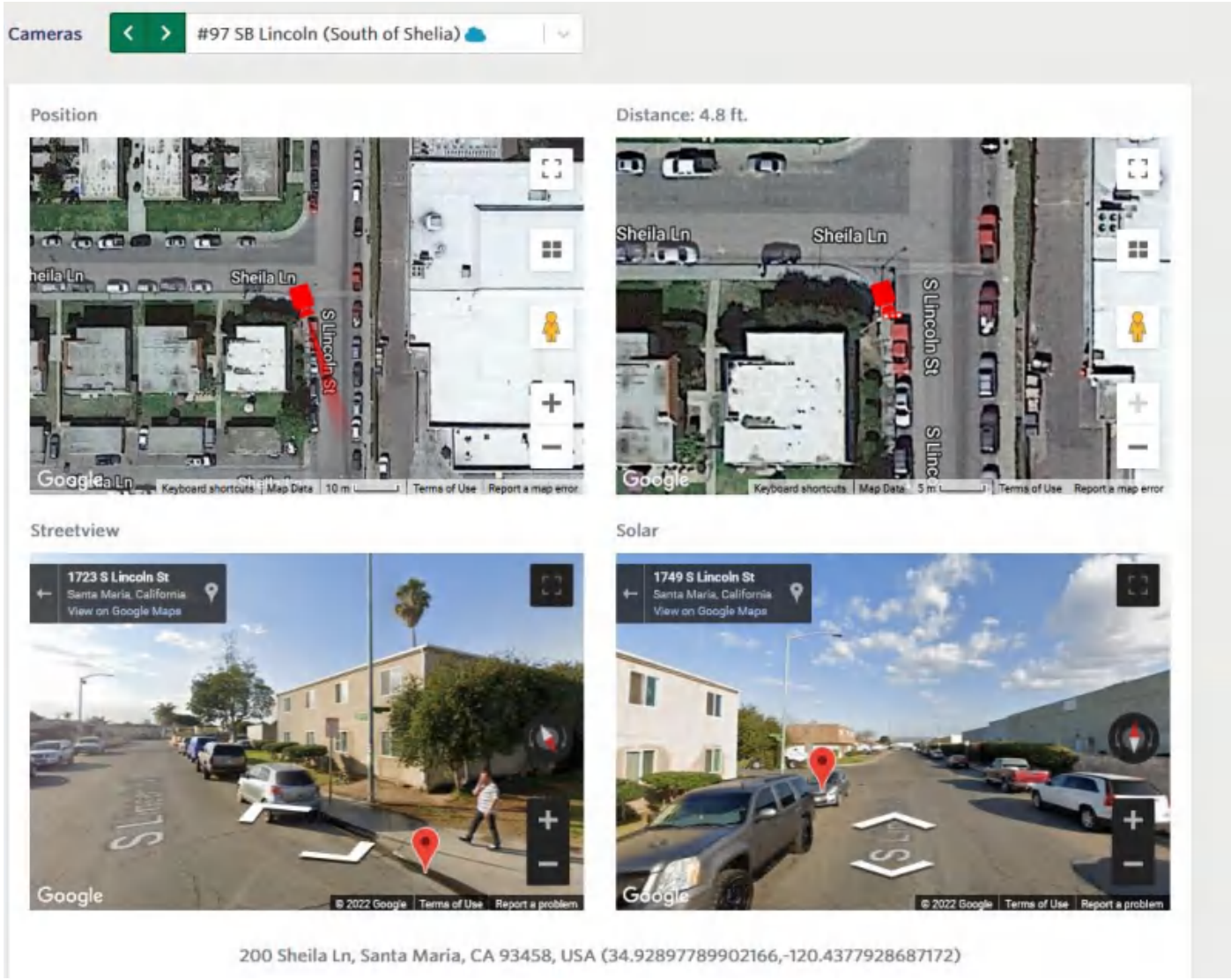
Camera 56 - SB College (North of Battles) installed on existing street light pole. Aimed to capture Southbound vehicle traffic.



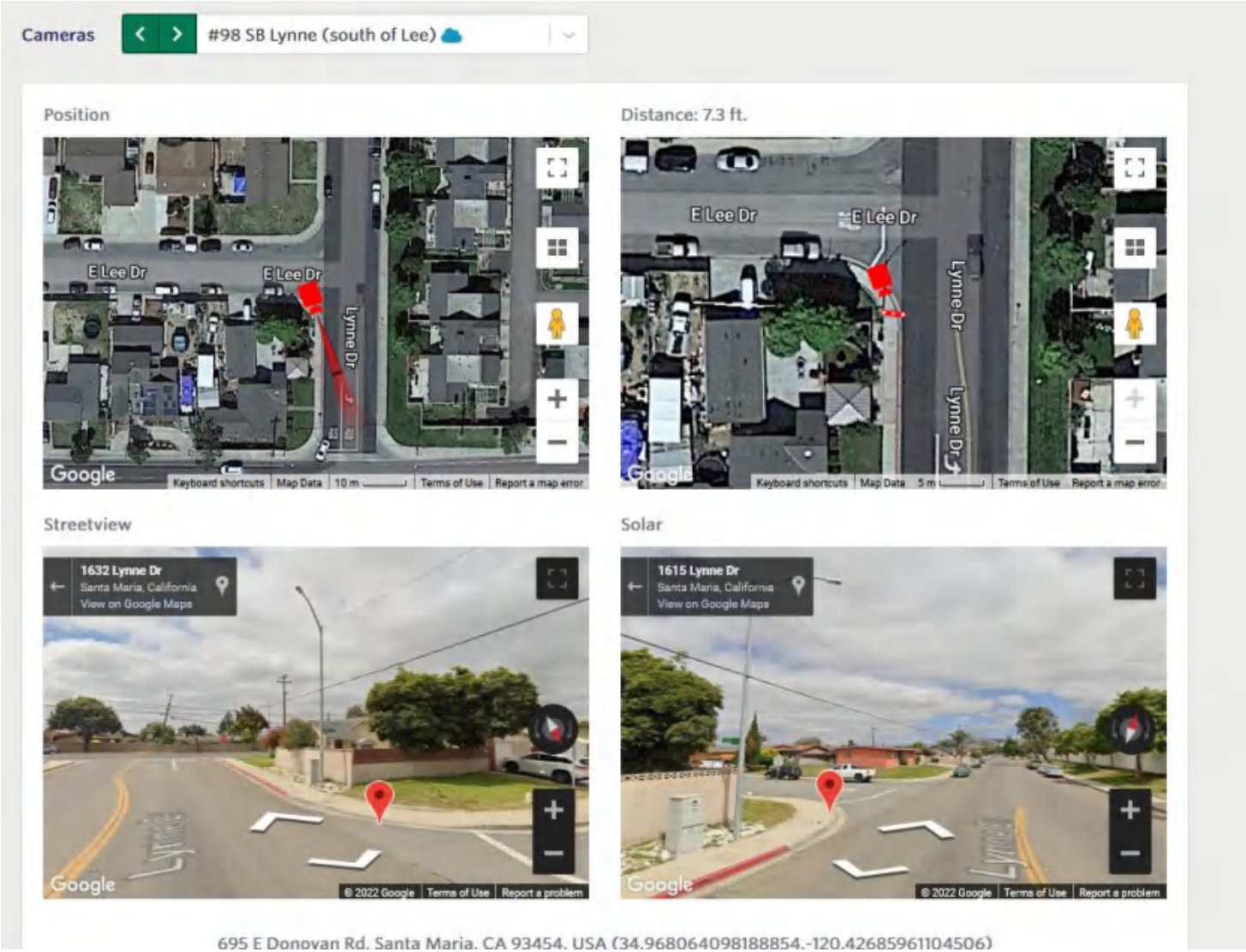
Camera 57 - SB College (North of Sunrise) installed on existing street light pole. Aimed to capture Southbound vehicle traffic.



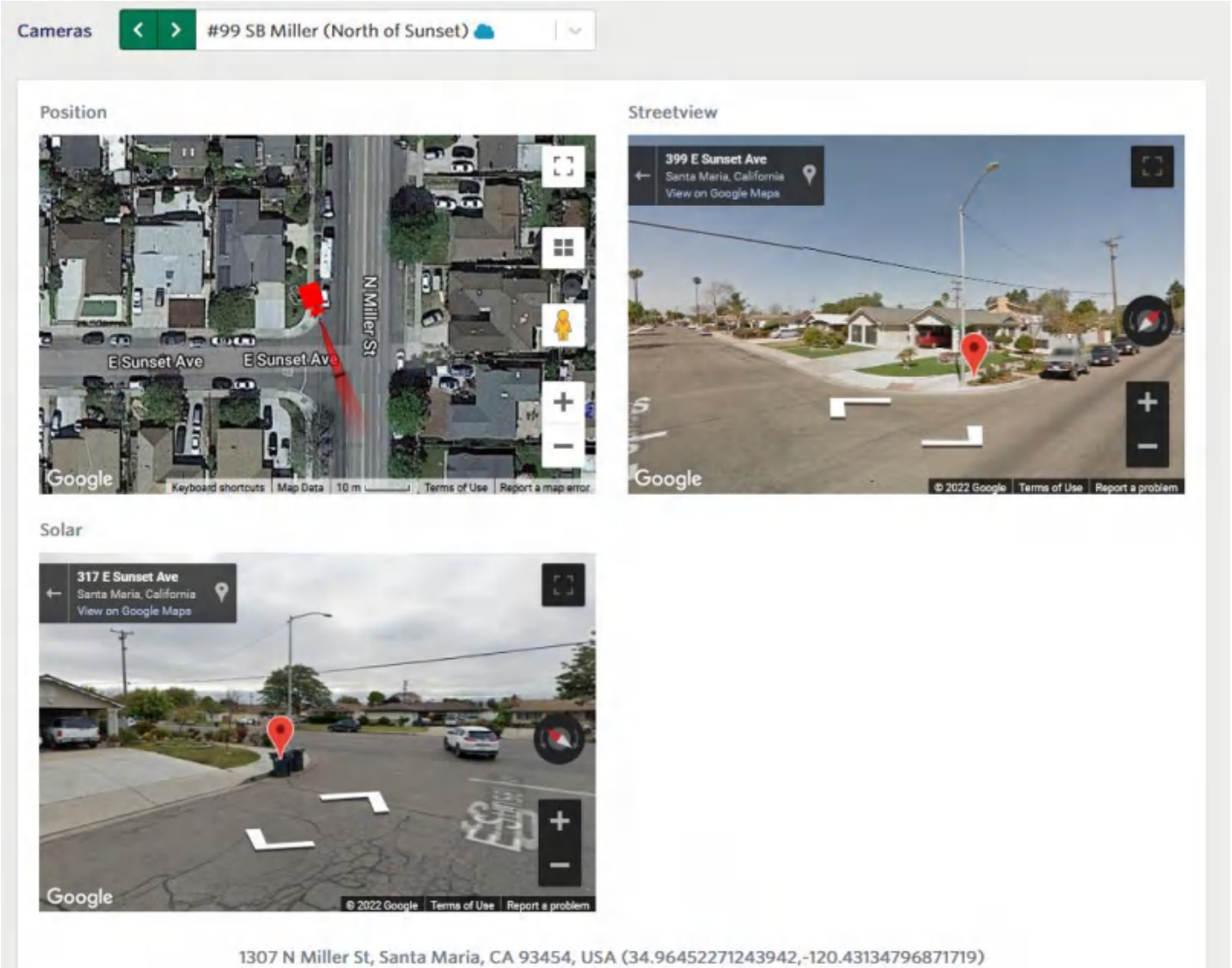
Camera 58 - SB College (South of Cook)installed on a Flock pole approx 5ft from the curb. Aimed to capture Southbound vehicle traffic.



Camera 59 - SB Lincoln (South of Shelia) installed on existing street light pole. Aimed to capture Southbound vehicle traffic.

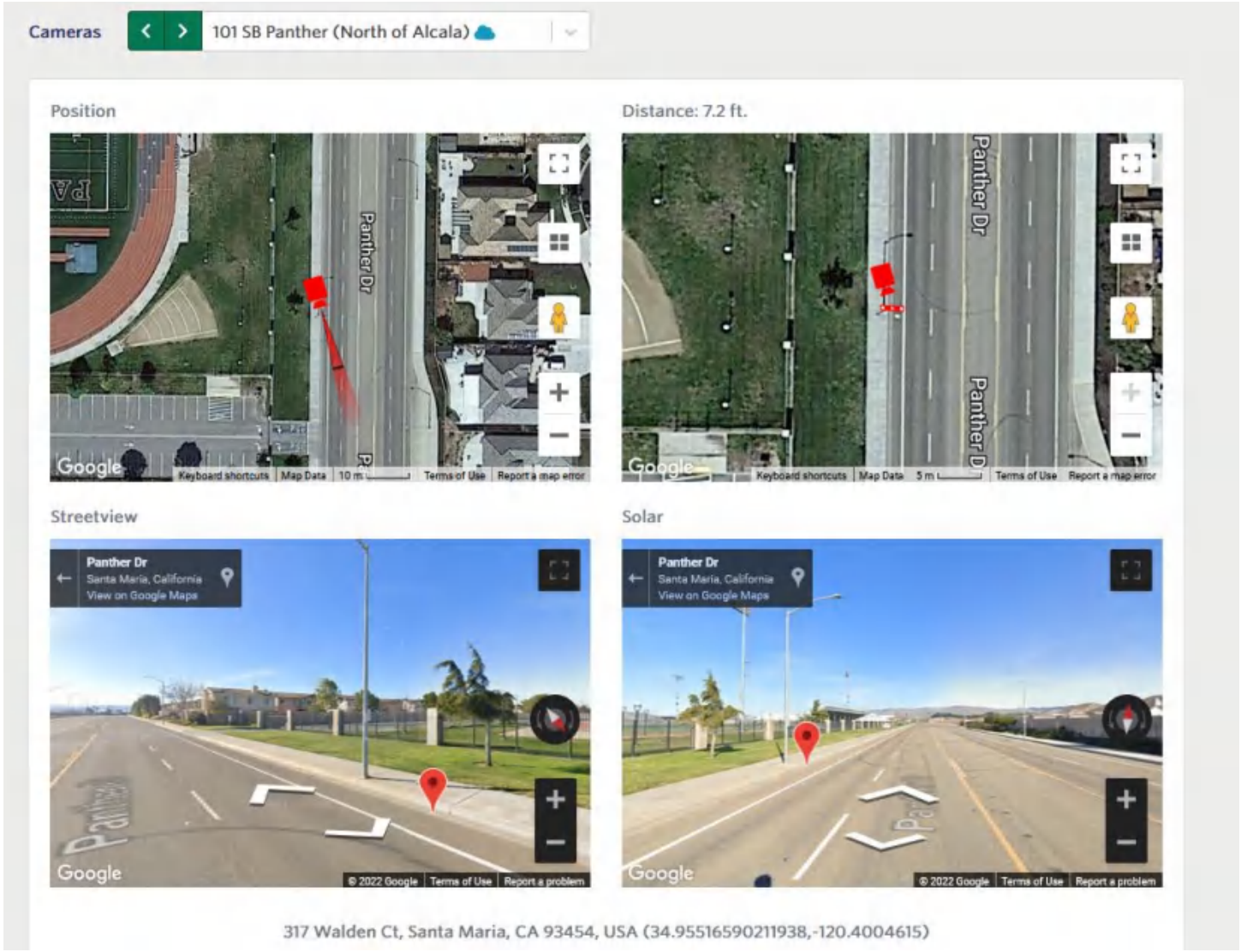


Camera 60 - SB Lynne (south of Lee) installed on existing street light pole. Aimed to capture Southbound vehicle traffic.

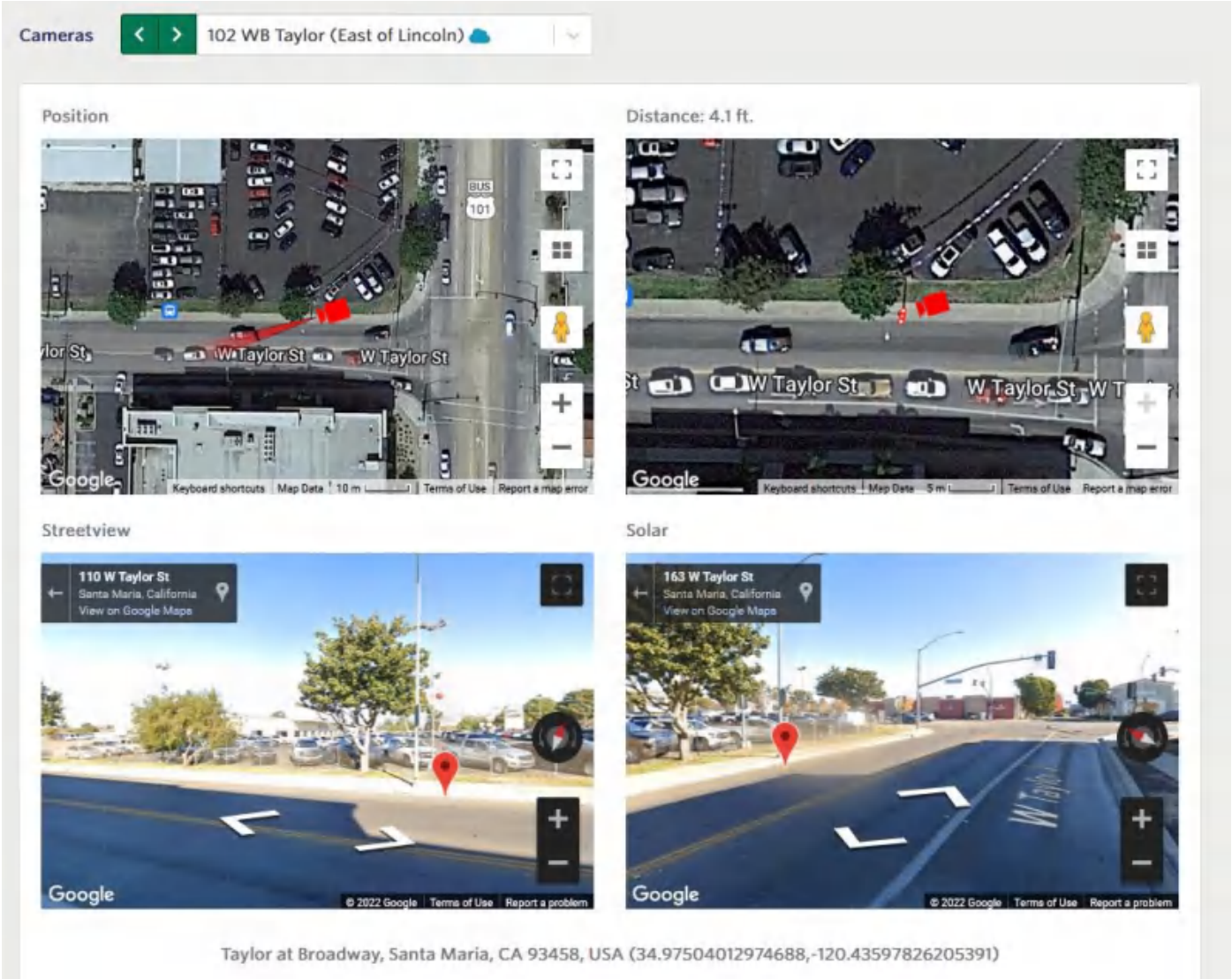


Camera 61 - SB Miller (North of Sunset) installed on existing street light pole. Aimed to capture Southbound vehicle traffic.

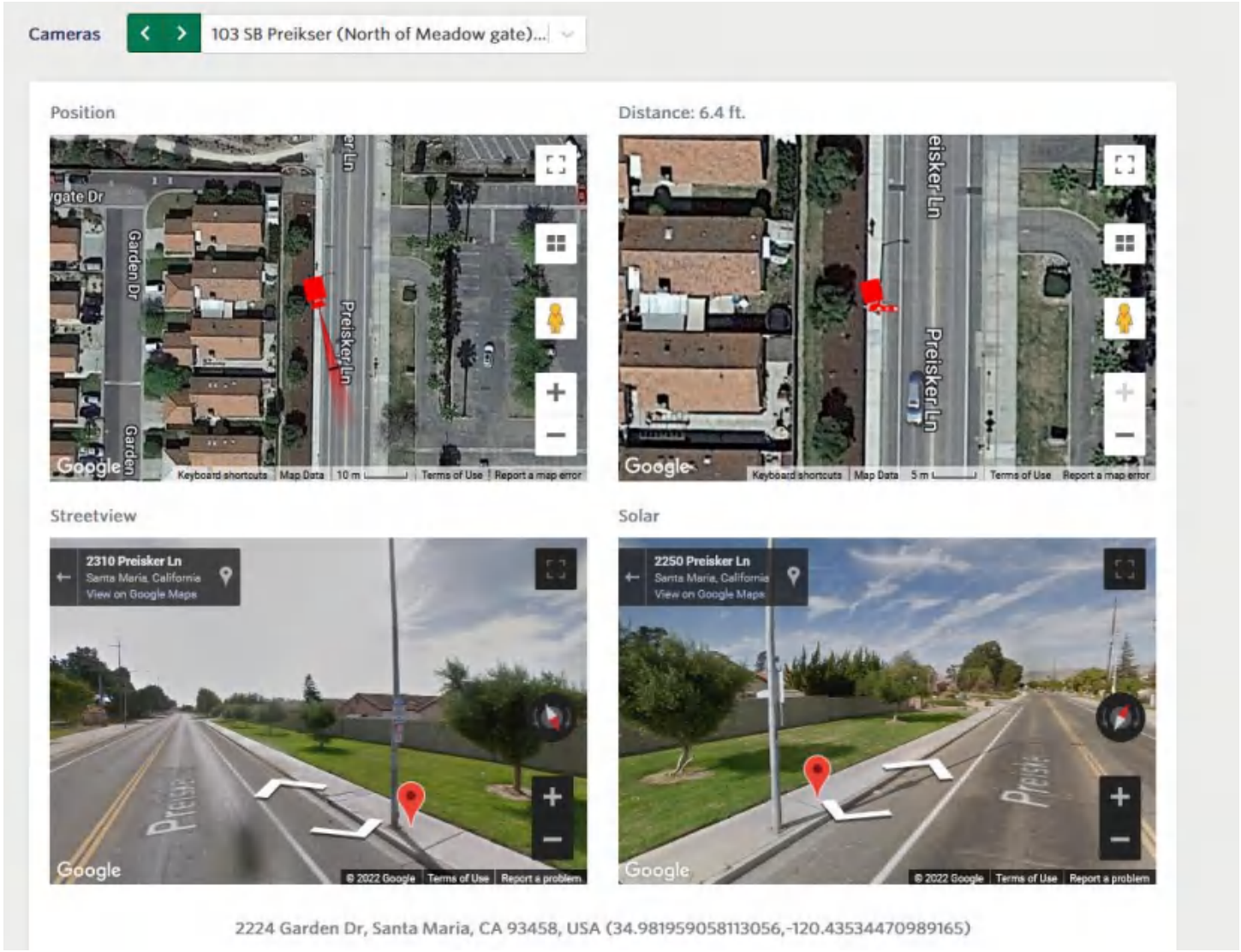
Camera 62 - WB Stowell (West of Kameo installed on existing street light pole. Aimed to capture Westbound vehicle traffic.



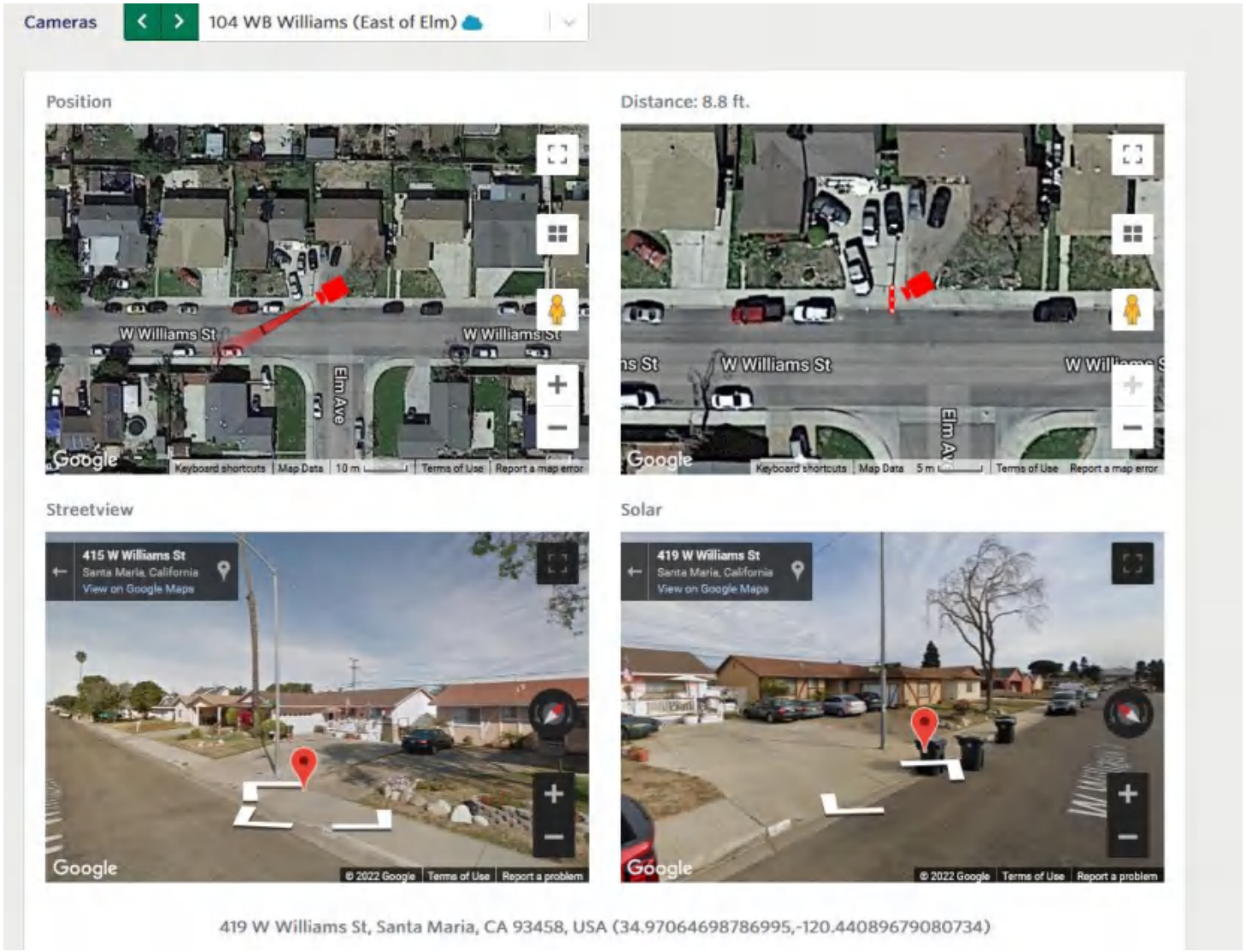
Camera 63 - SB Panther (North of Alcala) installed on existing street light pole. Aimed to capture Southbound vehicle traffic.



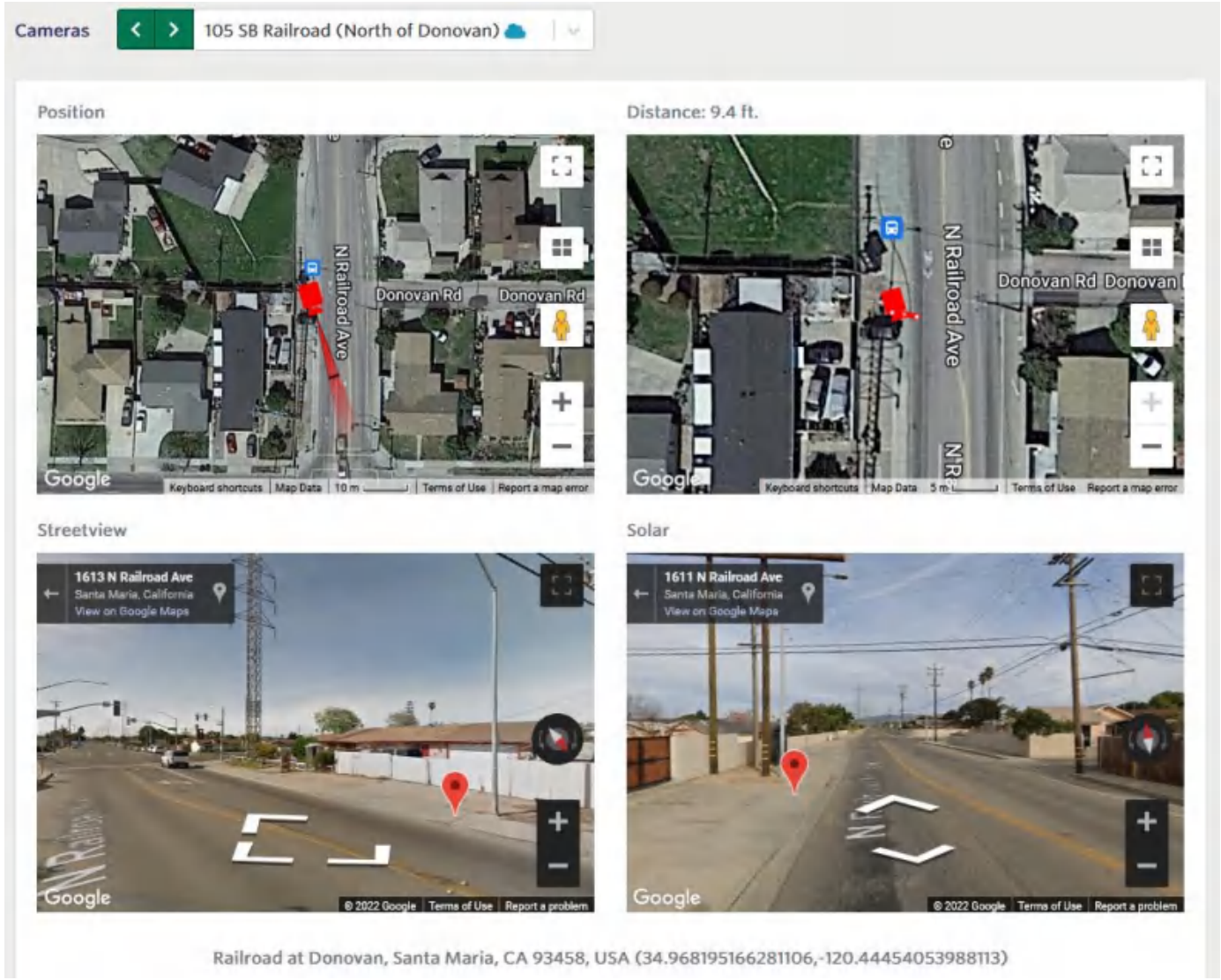
Camera 64 - WB Taylor (East of Lincoln) installed on existing street light pole. Aimed to capture Westbound vehicle traffic.



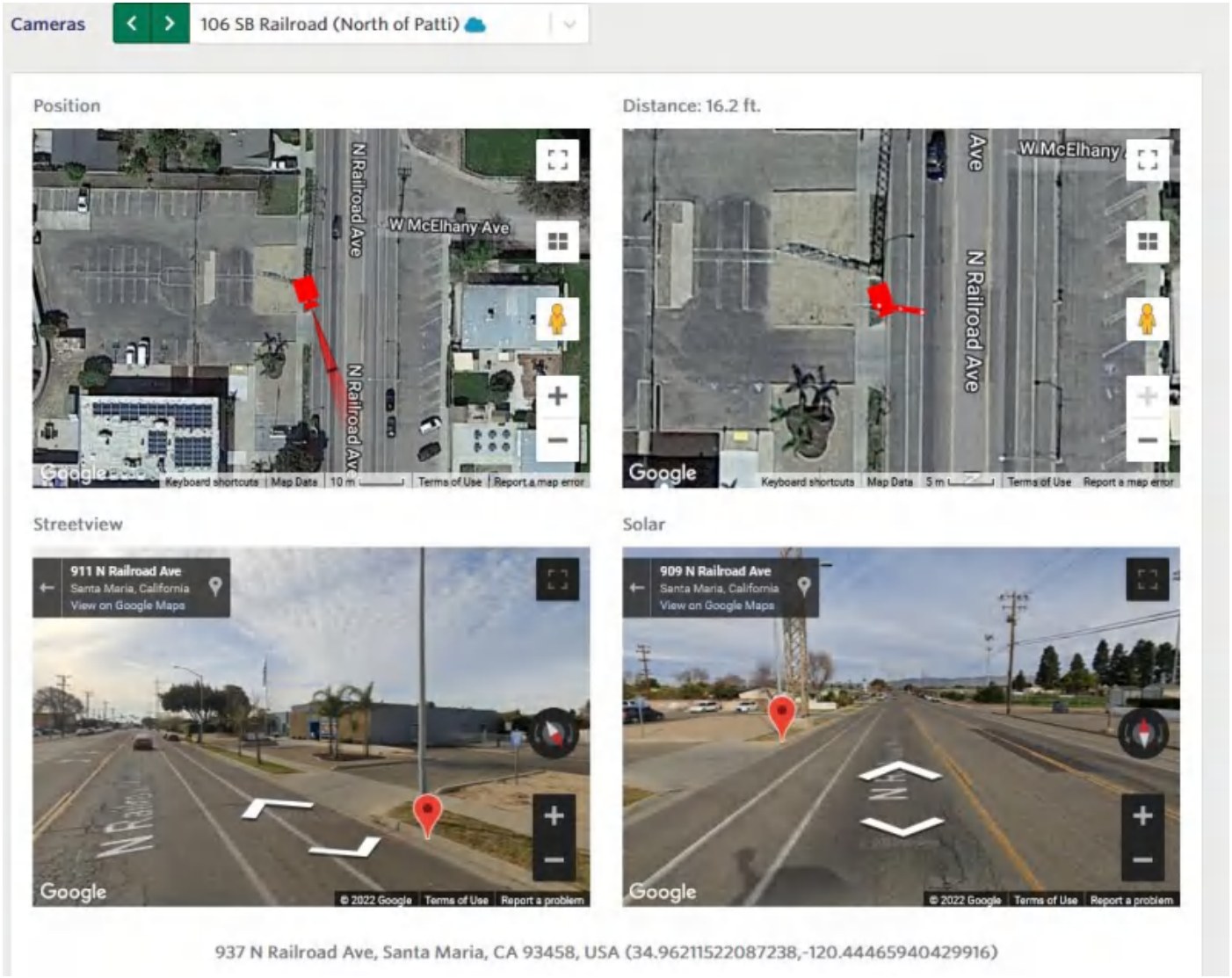
Camera 65 - SB Preikser (North of Meadow gate) installed on existing street light pole. Aimed to capture Southbound vehicle traffic.



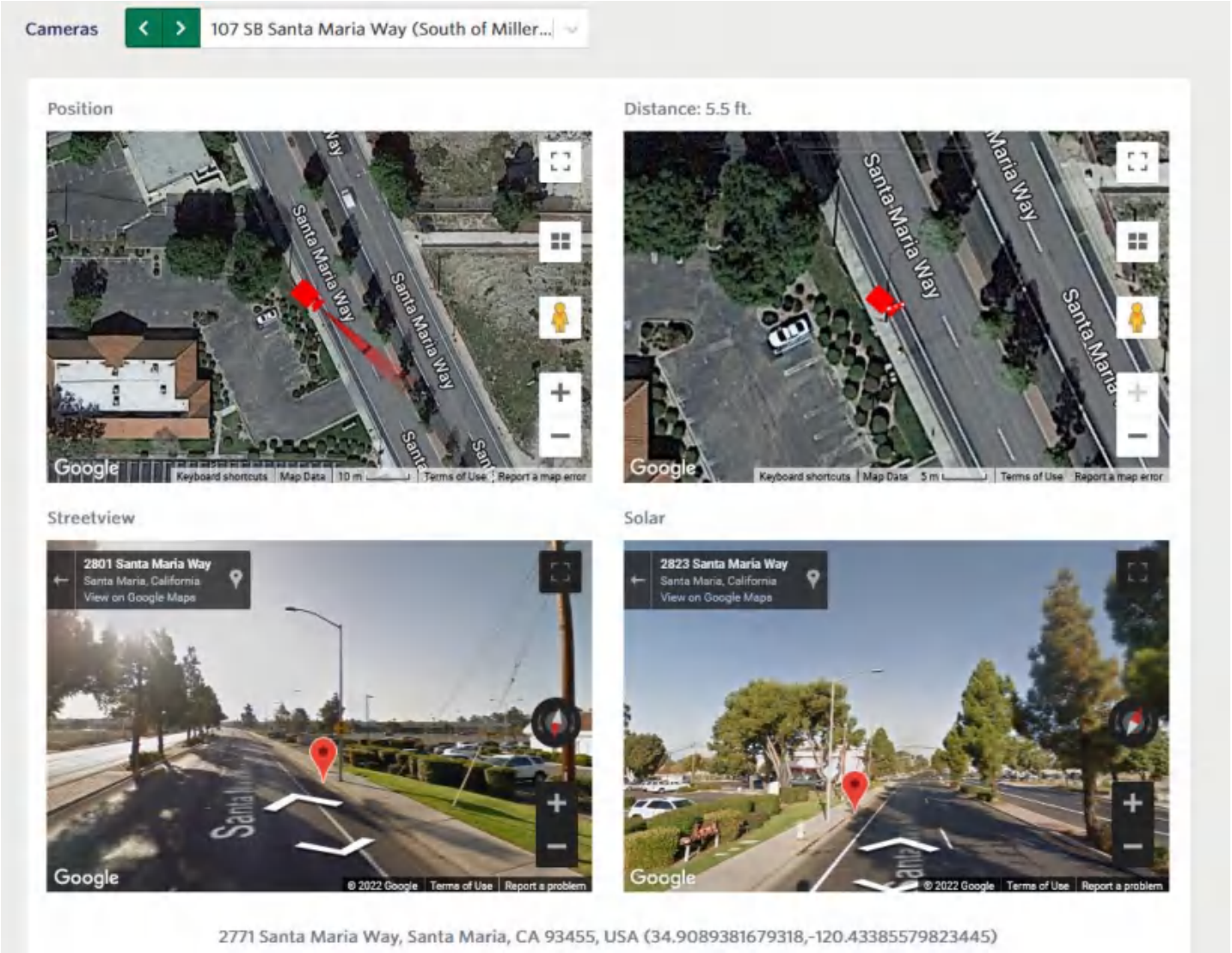
Camera 66 - WB Williams (East of Elm) installed on existing street light pole. Aimed to capture Westbound vehicle traffic.



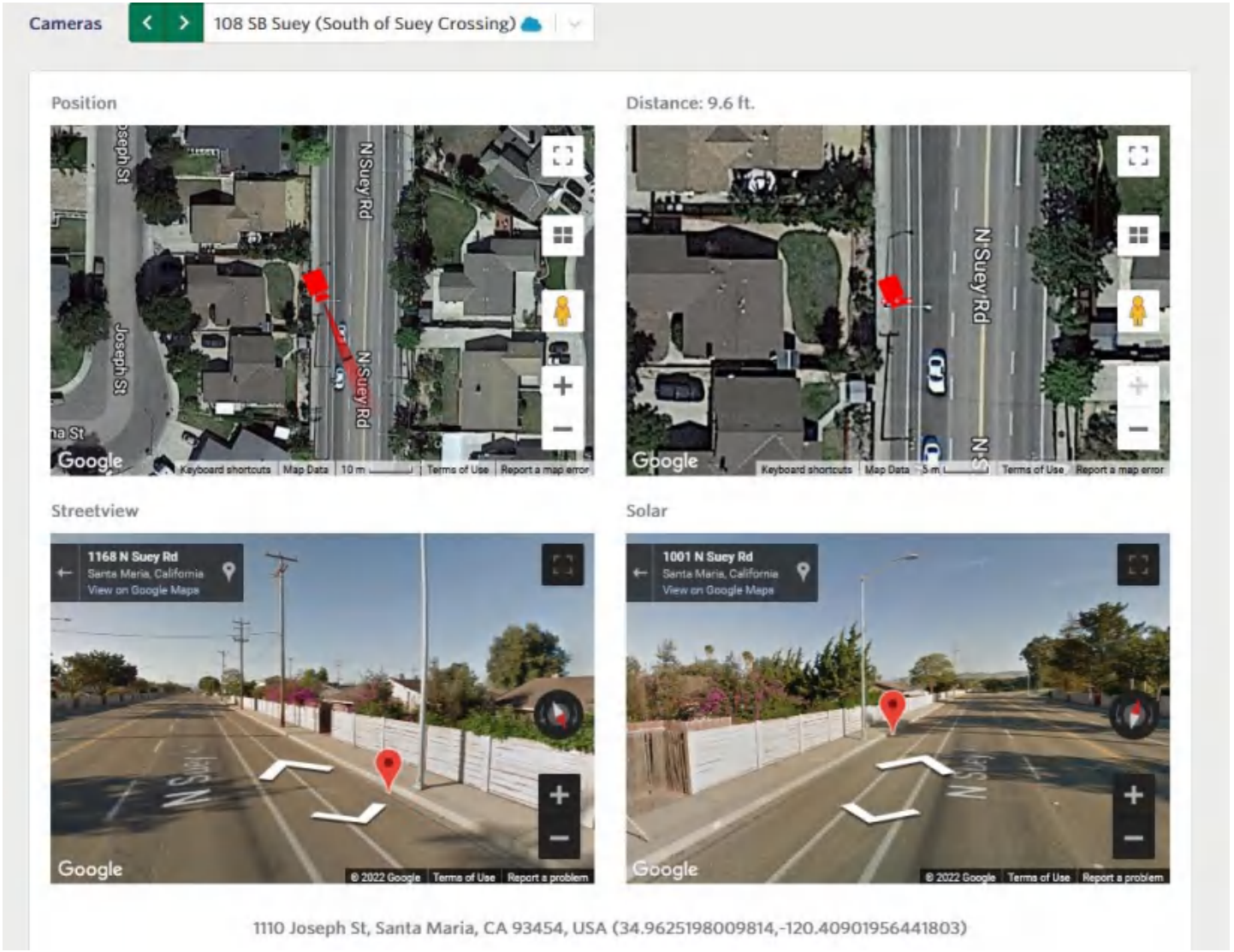
Camera 67 - SB Railroad (North of Donovan) installed on existing street light pole. Aimed to capture Southbound vehicle traffic.



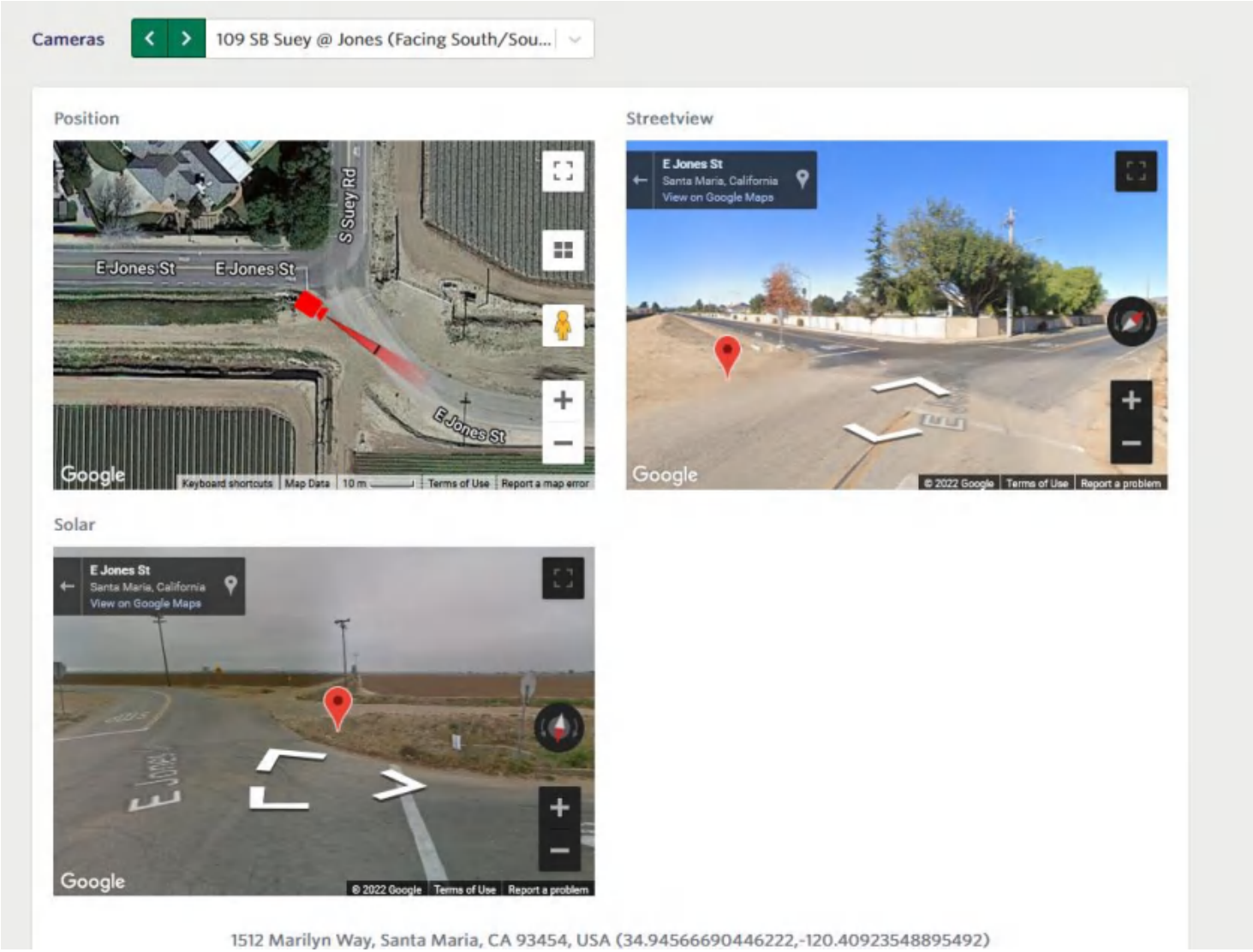
Camera 68 - SB Railroad (North of Patti) installed on existing street light pole. Aimed to capture Southbound vehicle traffic.



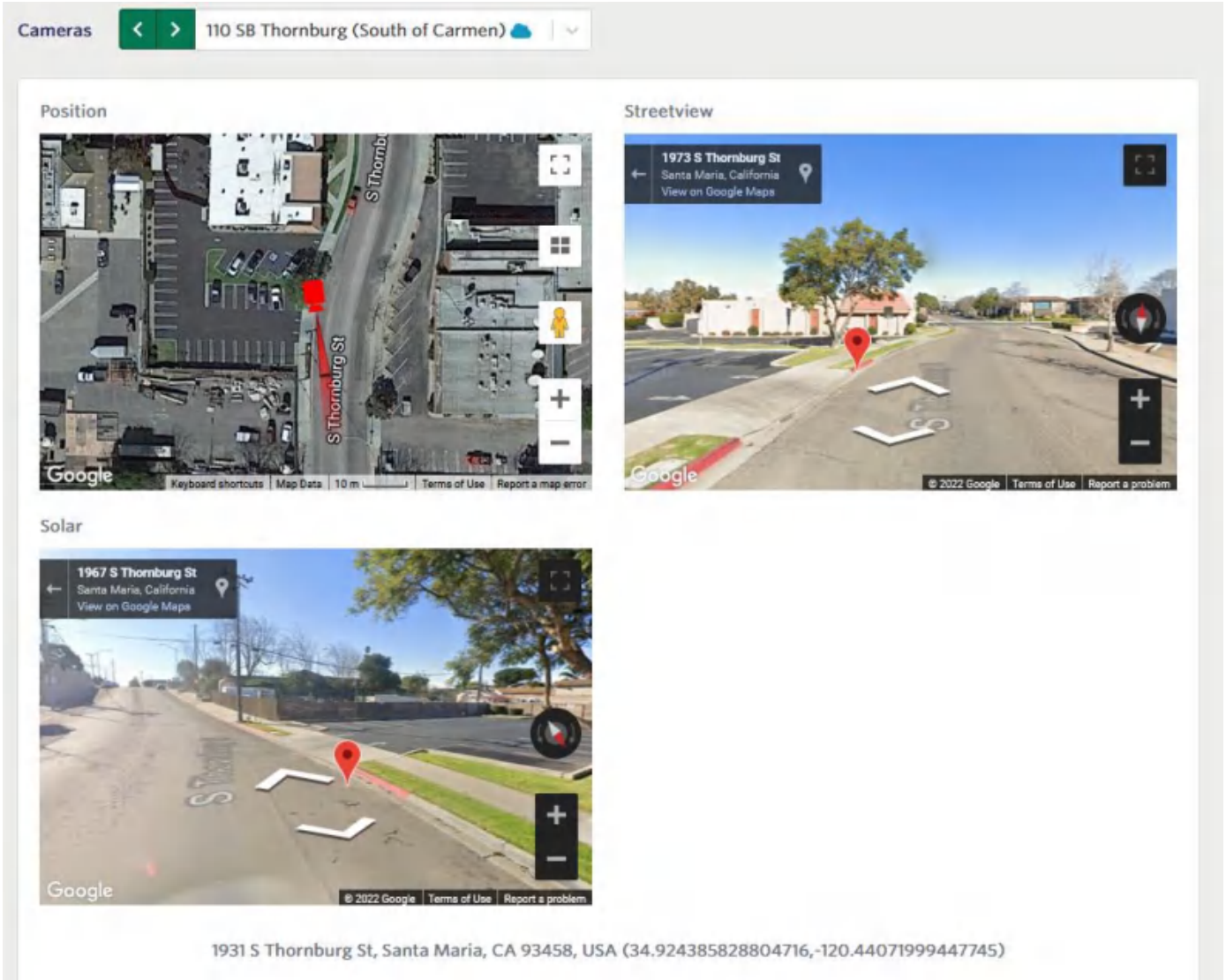
Camera 69 - SB Santa Maria Way (South of Miller) installed on existing street light pole. Aimed to capture Southbound vehicle traffic.



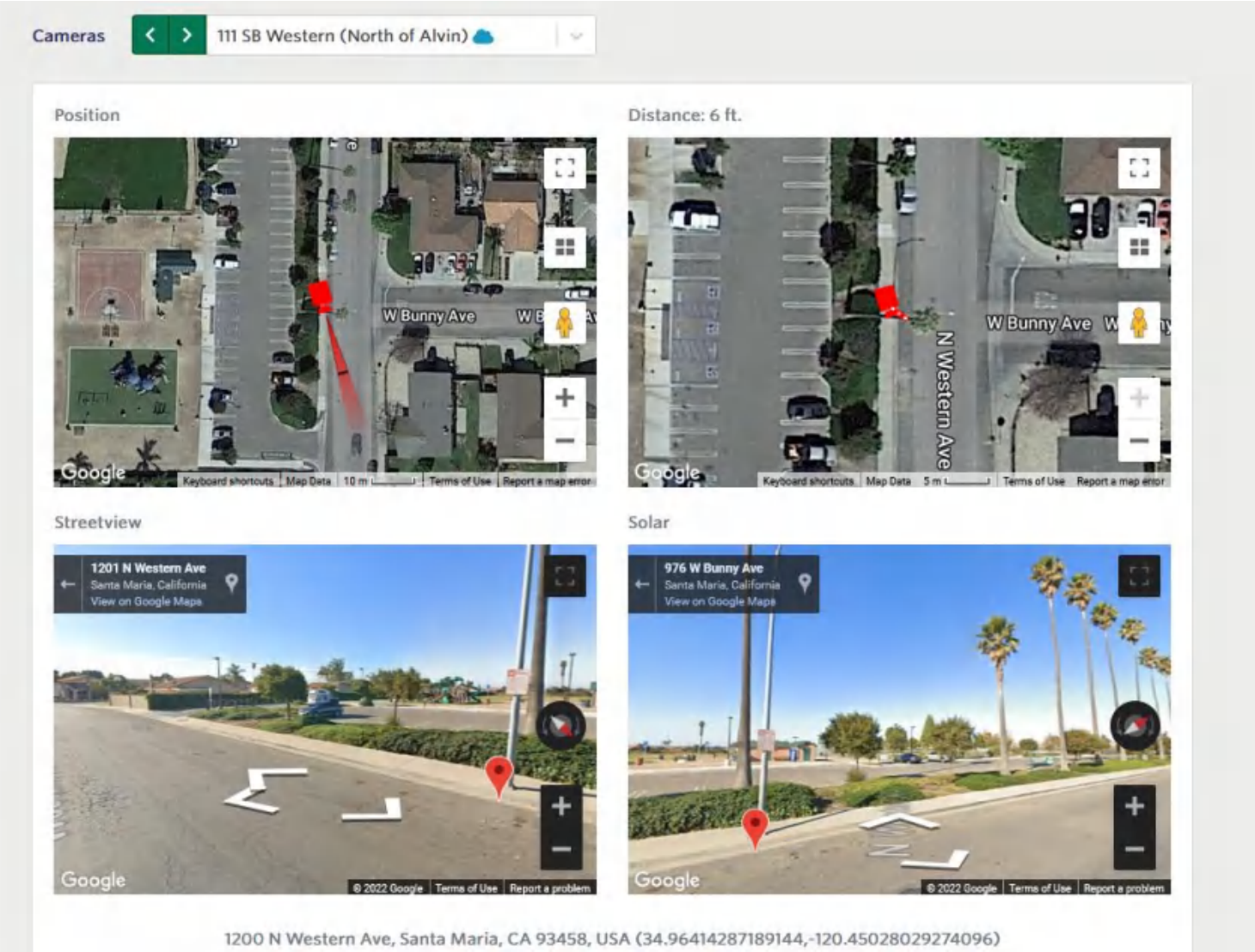
Camera 70 - SB Suey (South of Suey Crossing) installed on existing street light pole. Aimed to capture Southbound vehicle traffic.



Camera 71 - SB Suey @ Jones (Facing South/Southwest)installed on a Flock pole approx 4ft from the curb. Aimed to capture Southbound vehicle traffic.

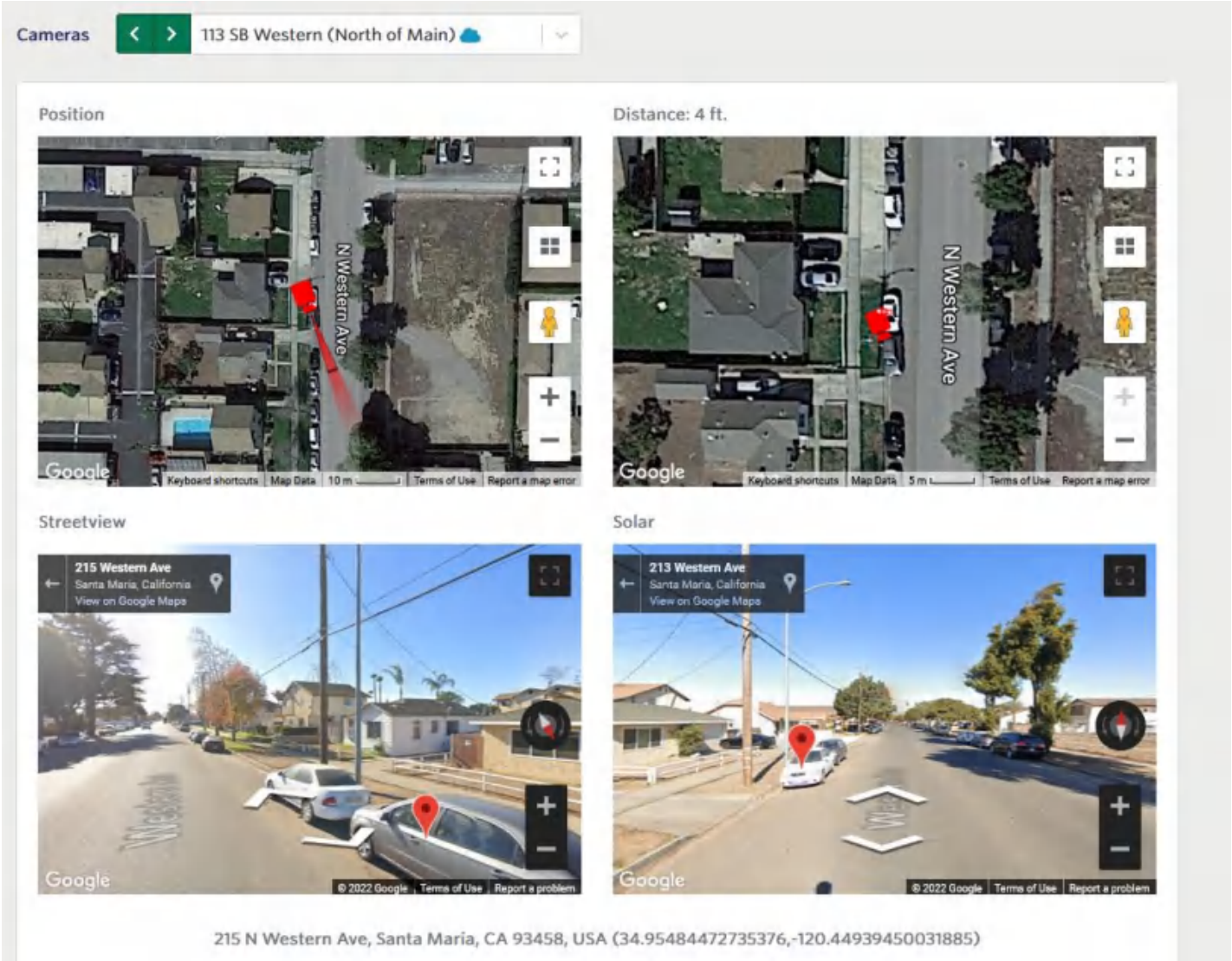


Camera 72 - SB Thornburg (South of Carmen)installed on a Flock pole approx 10ft from the curb. Aimed to capture Southbound vehicle traffic.

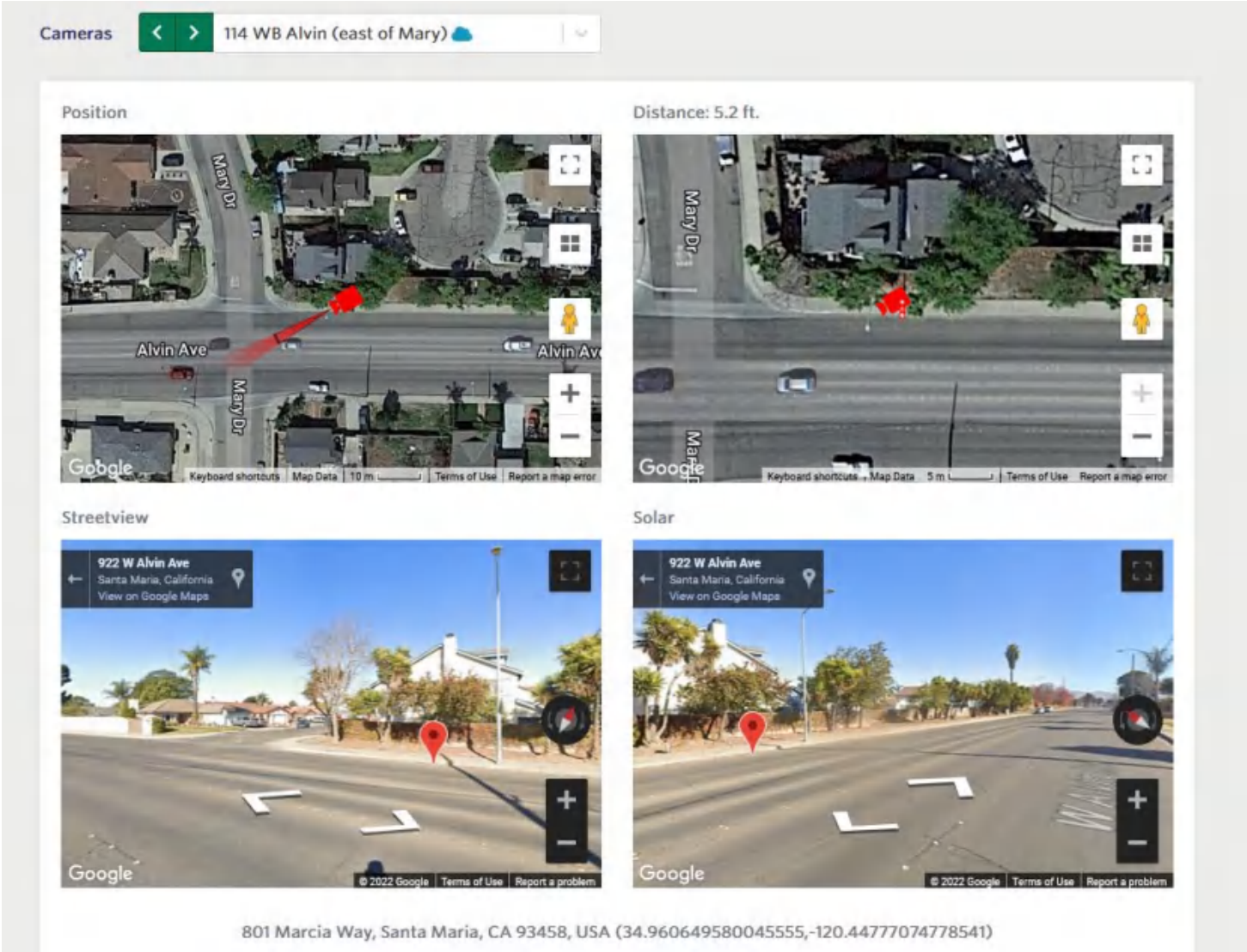


Camera 73 - SB Western (North of Alvin) installed on existing street light pole. Aimed to capture Southbound vehicle traffic.

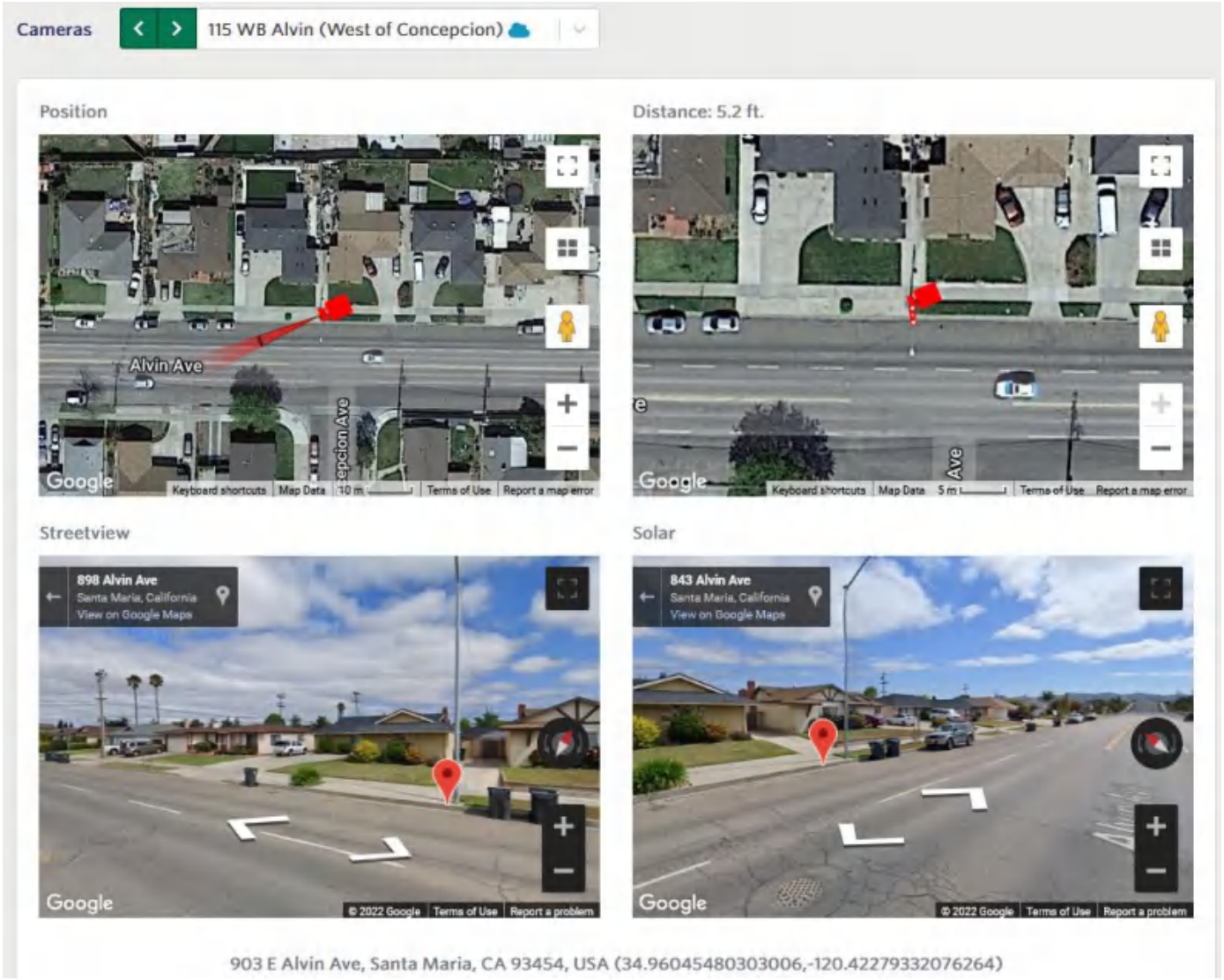
Camera 74 - SB Western (north of Knudsen) installed on existing street light pole. Aimed to capture Southbound vehicle traffic.



Camera 75 - SB Western (North of Main) installed on existing street light pole. Aimed to capture Southbound vehicle traffic.

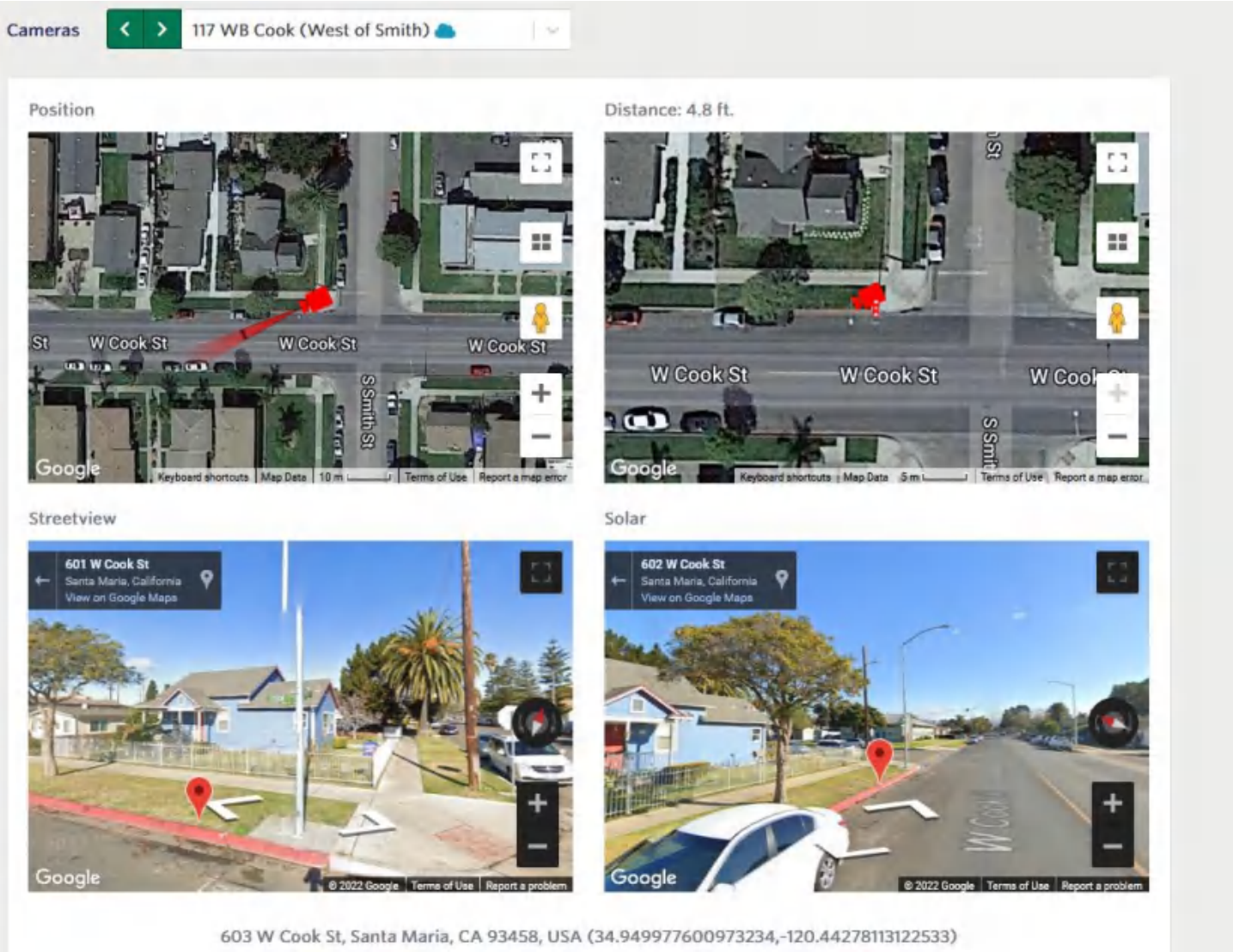


Camera 76 - WB Alvin (east of Mary) installed on existing street light pole. Aimed to capture Westbound vehicle traffic.

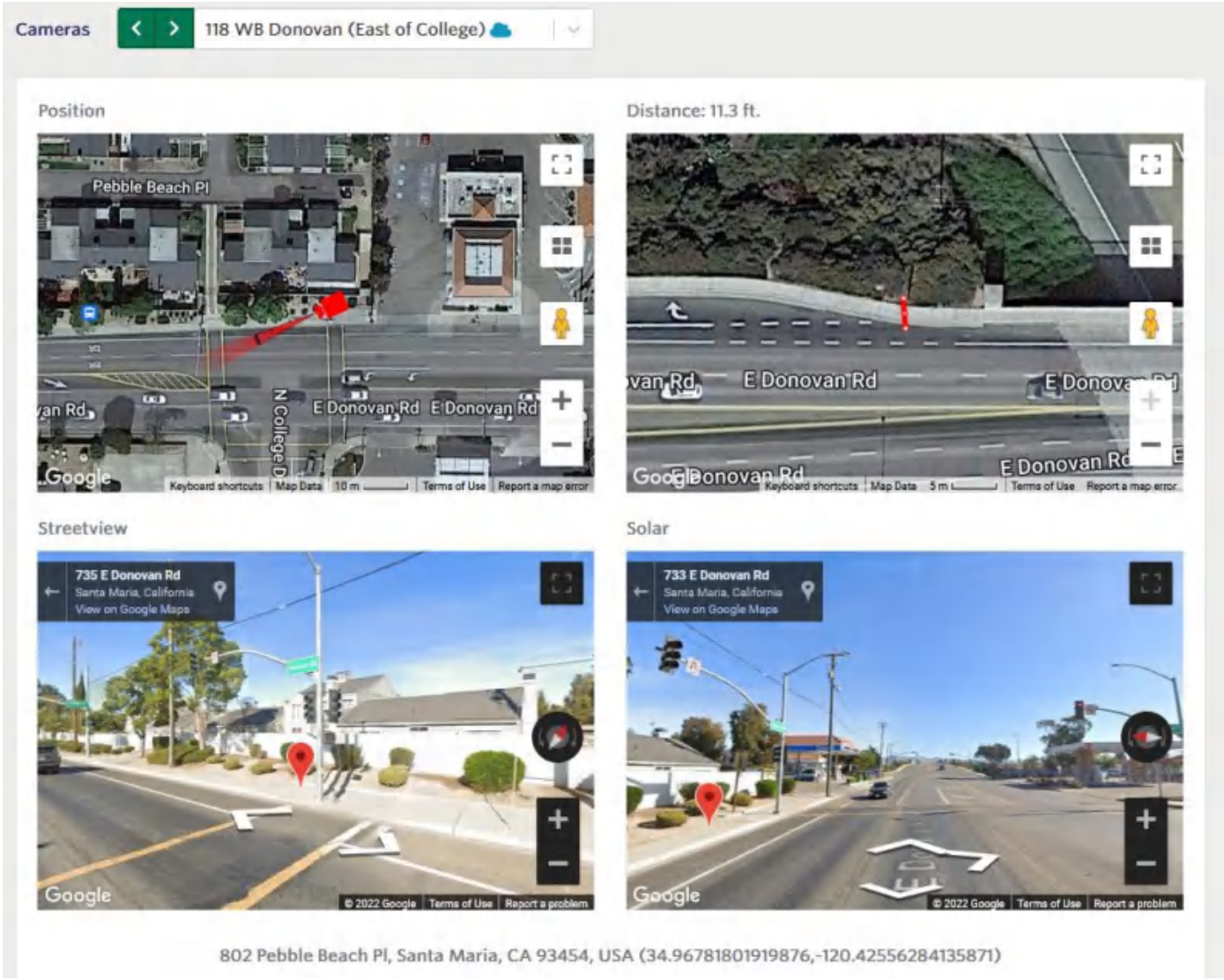


Camera 77 - WB Alvin (West of Concepcion) installed on existing street light pole. Aimed to capture Westbound vehicle traffic.

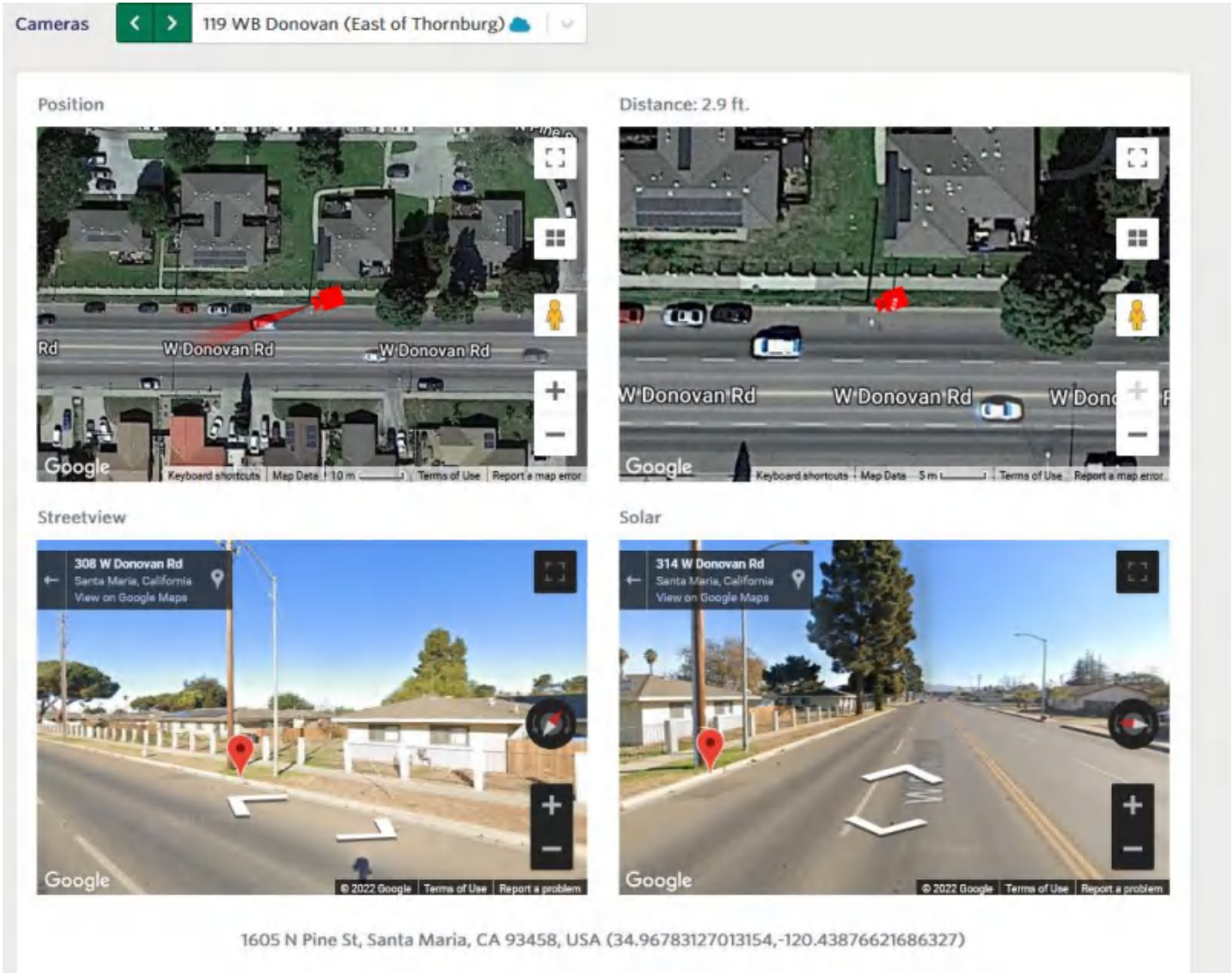
Camera 78 - WB Betteravia (East of Broadway SCL) installed on a Flock pole approx 2ft from the curb. Aimed to capture Westbound vehicle traffic.



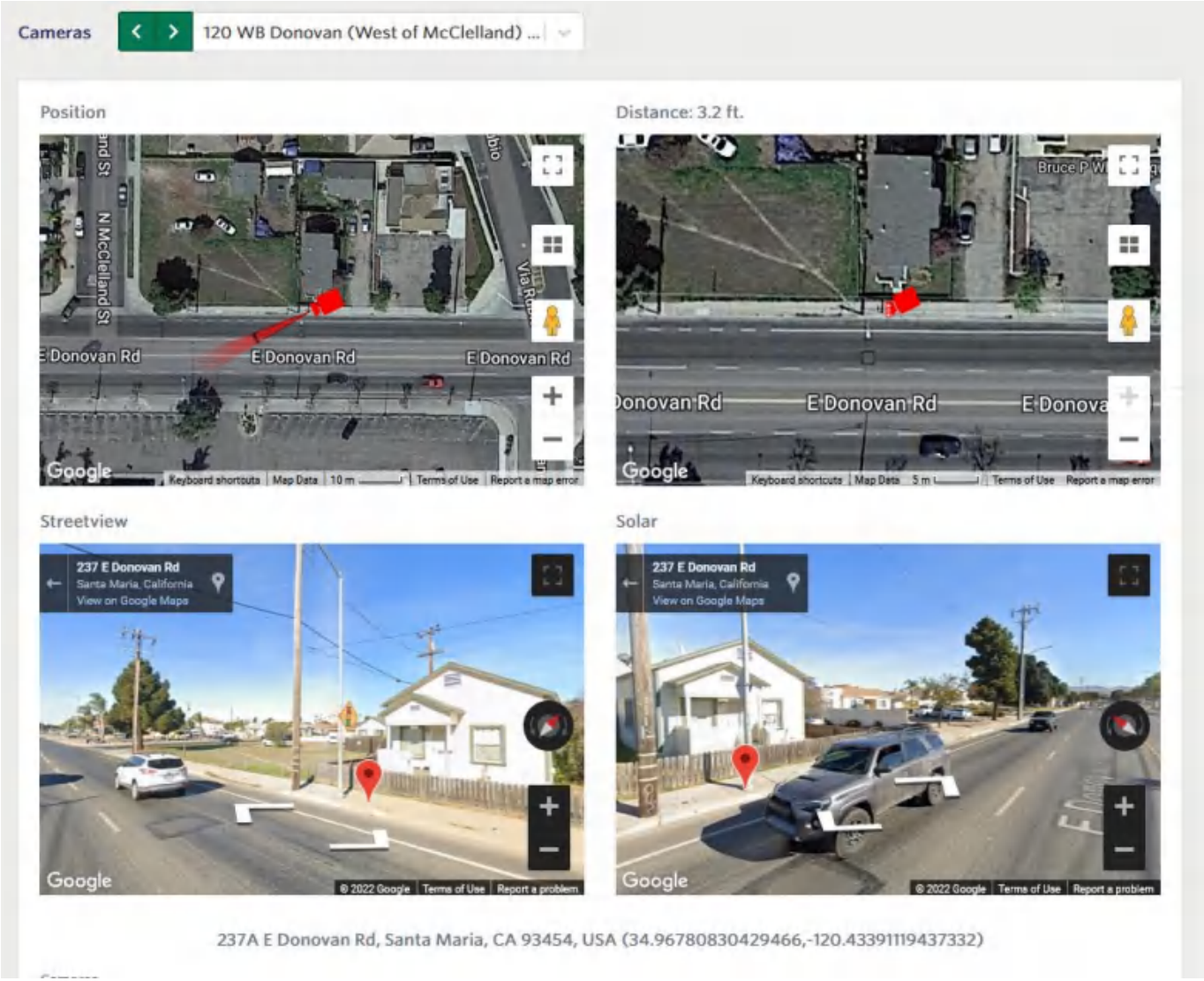
Camera 79 - WB Cook (West of Smith) installed on existing street light pole. Aimed to capture Westbound vehicle traffic.



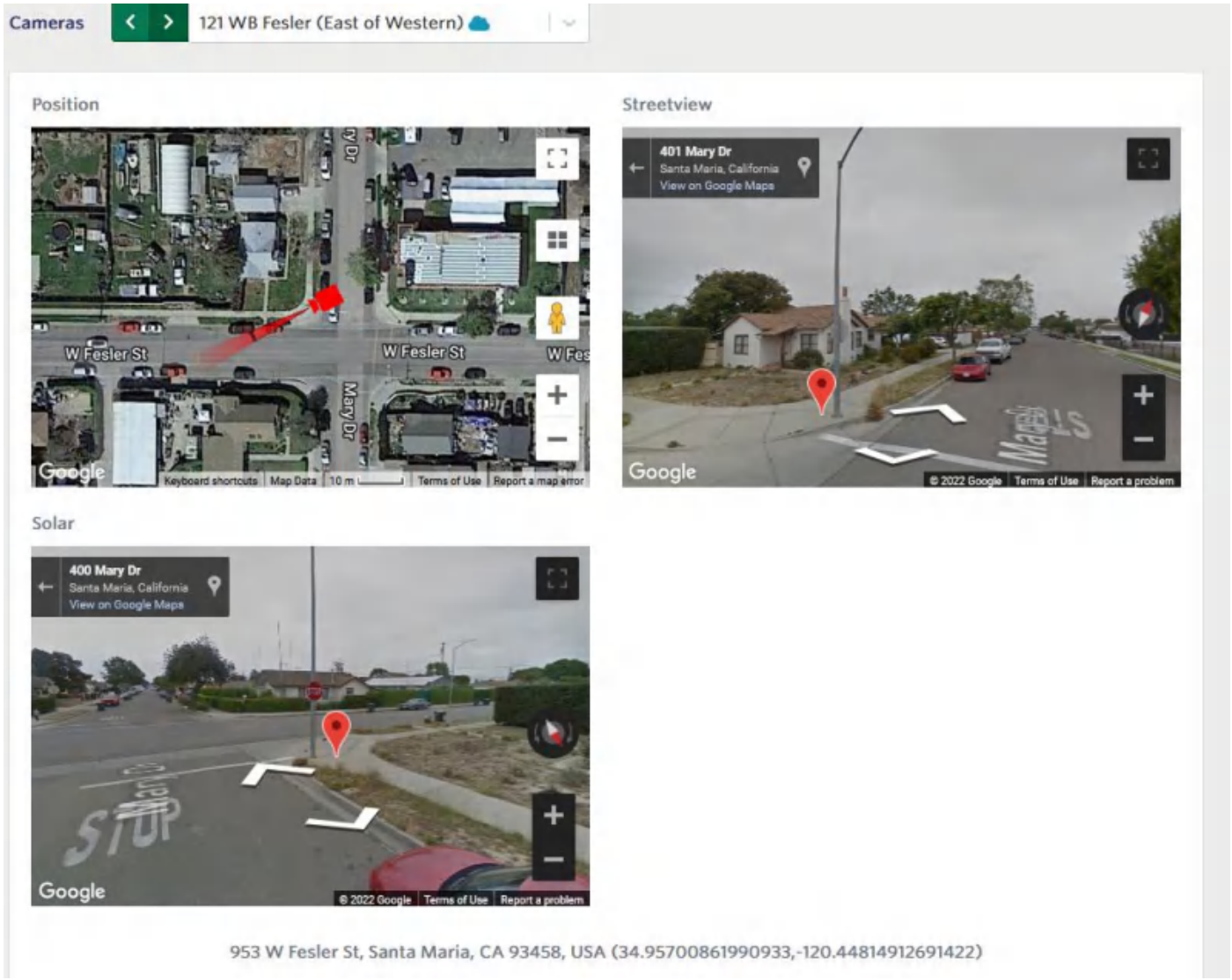
Camera 80 - WB Donovan (East of College)installed on a Flock pole approx 11ft from the curb. Aimed to capture Westbound vehicle traffic.



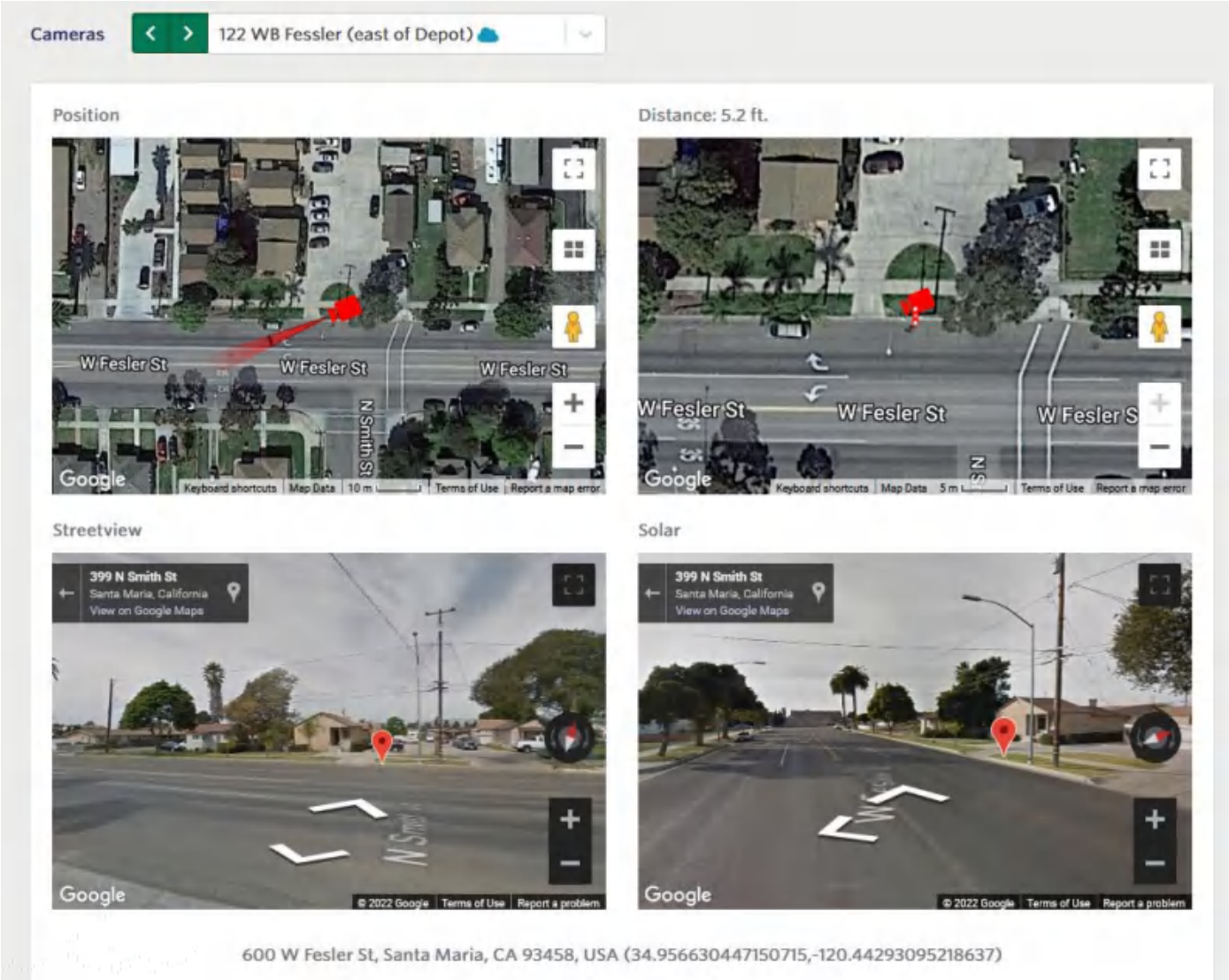
Camera 81 - WB Donovan (East of Thornburg) installed on existing street light pole. Aimed to capture Westbound vehicle traffic.



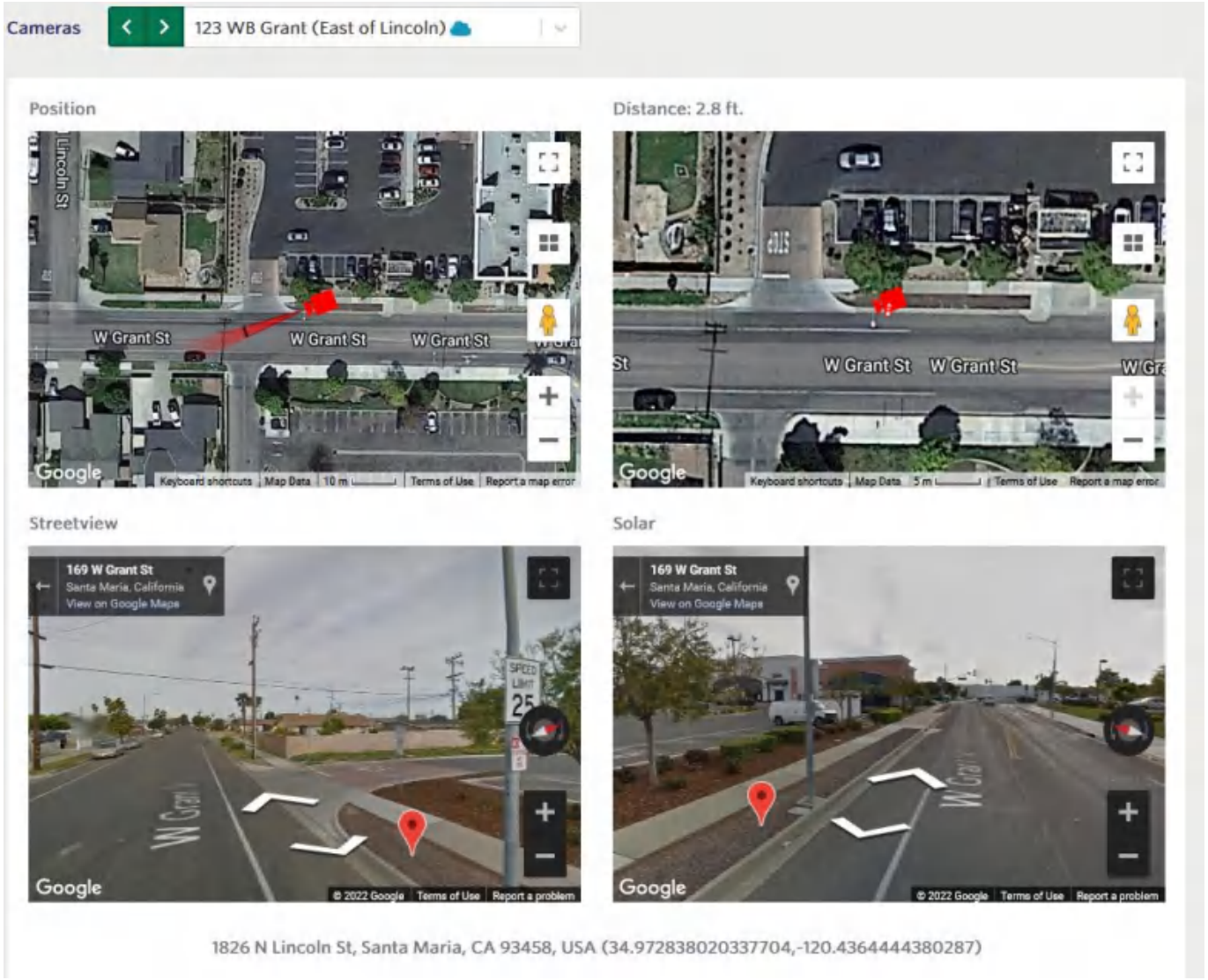
Camera 82 - WB Donovan (West of McClelland) installed on existing street light pole. Aimed to capture Westbound vehicle traffic.



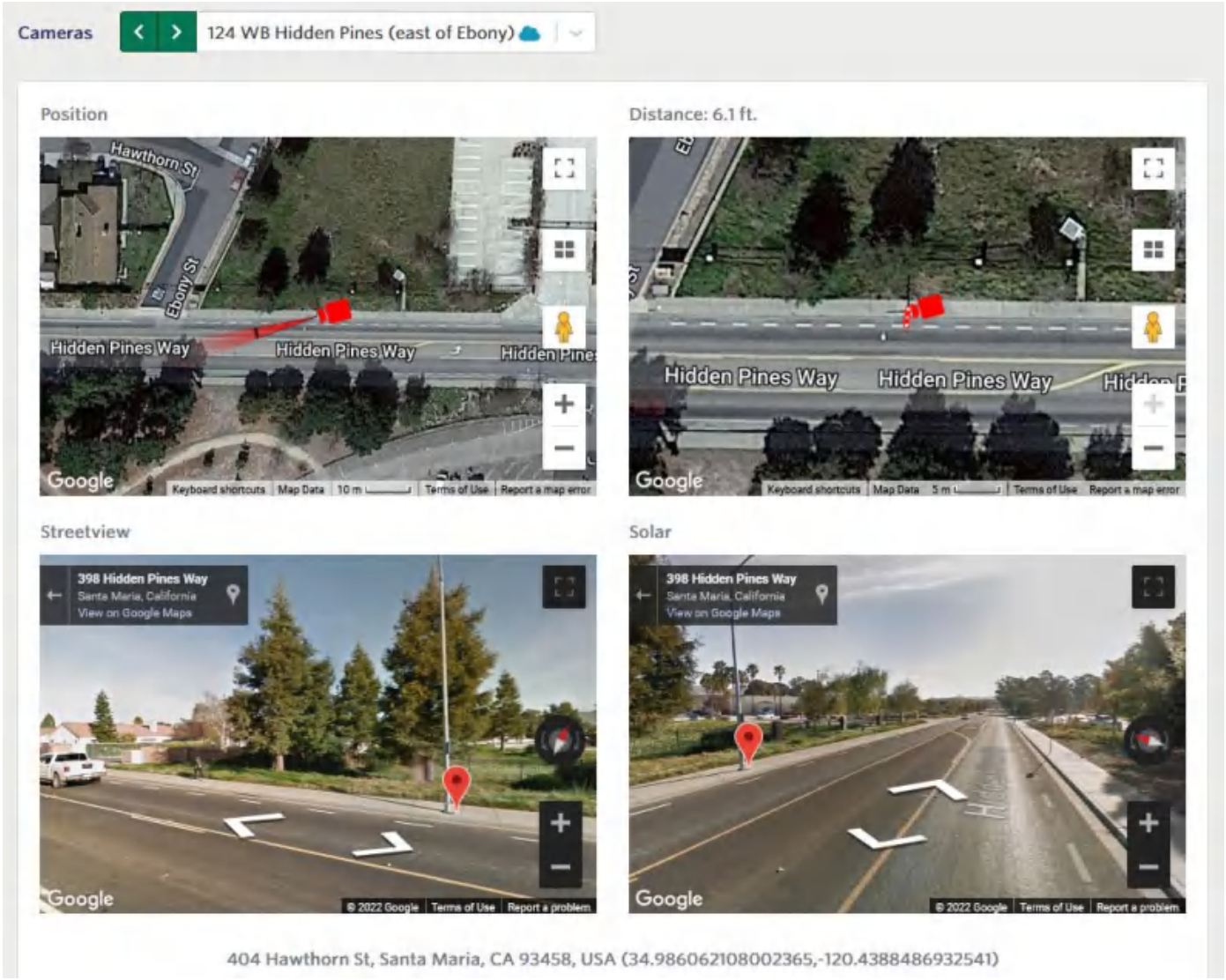
Camera 83 - WB Fesler (East of Western)installed on a Flock pole approx 4ft from the curb. Aimed to capture Westbound vehicle traffic.



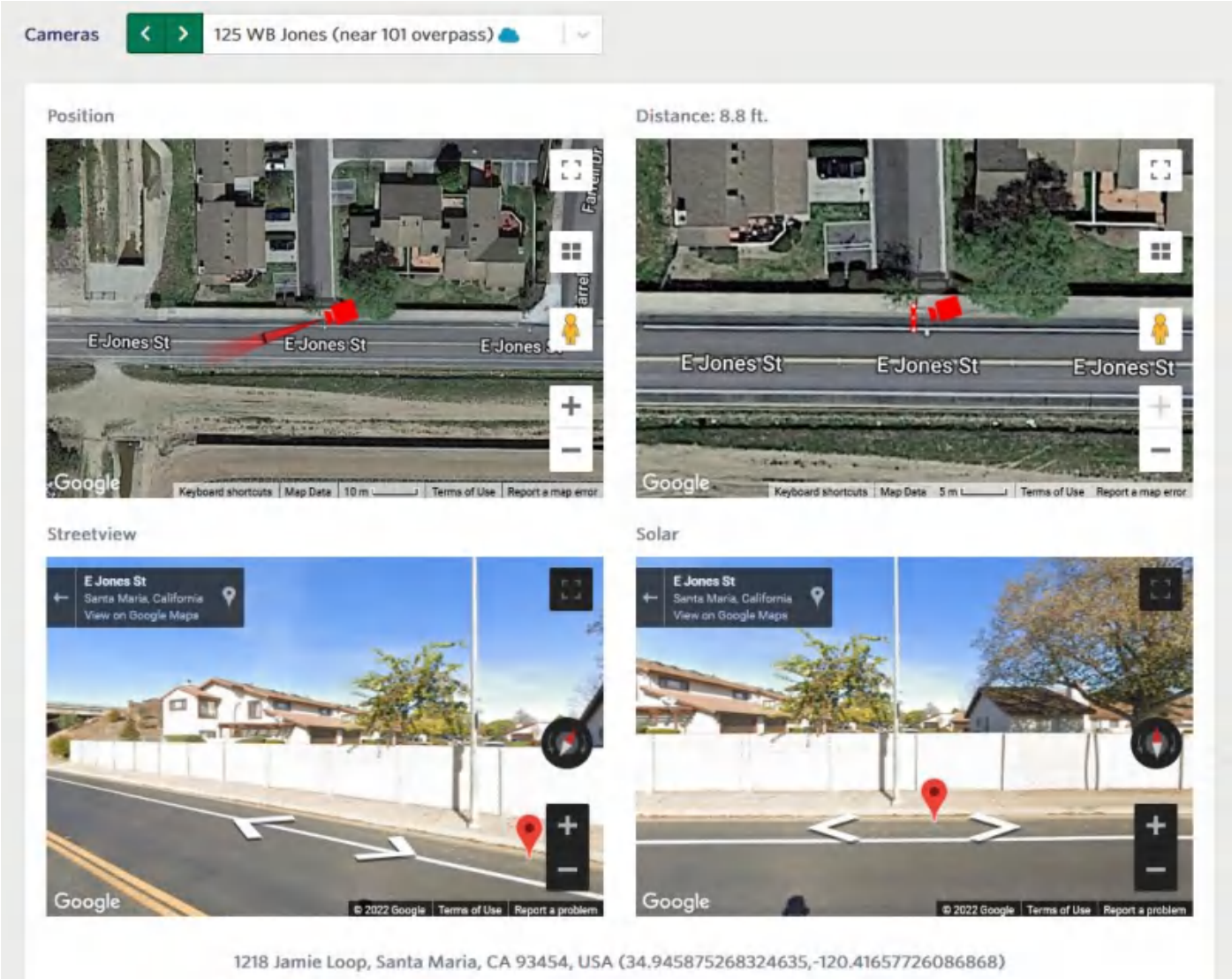
Camera 84 - WB Fessler (east of Depot) installed on existing street light pole. Aimed to capture Westbound vehicle traffic.



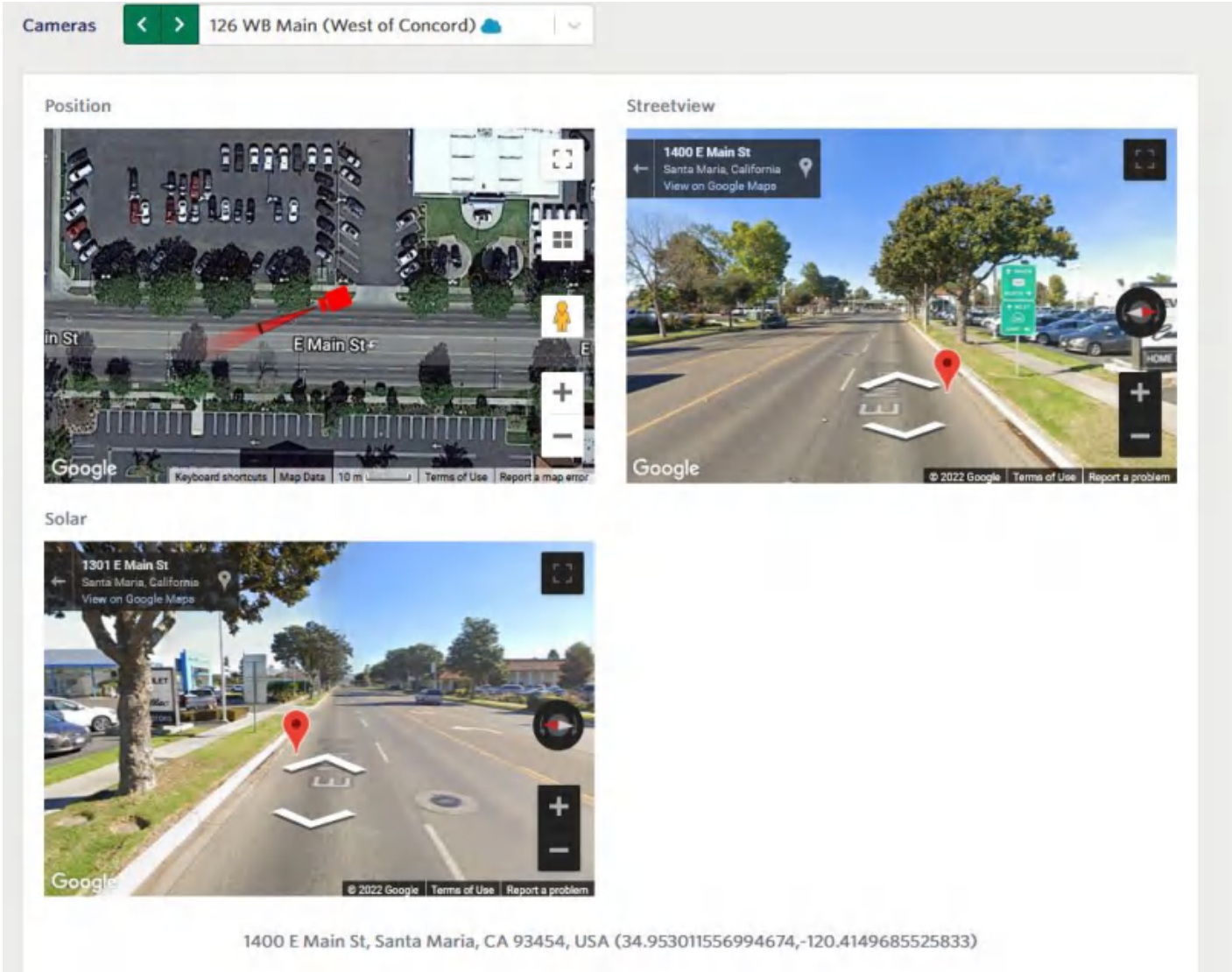
Camera 85 - WB Grant (East of Lincoln) installed on existing street light pole. Aimed to capture Westbound vehicle traffic.



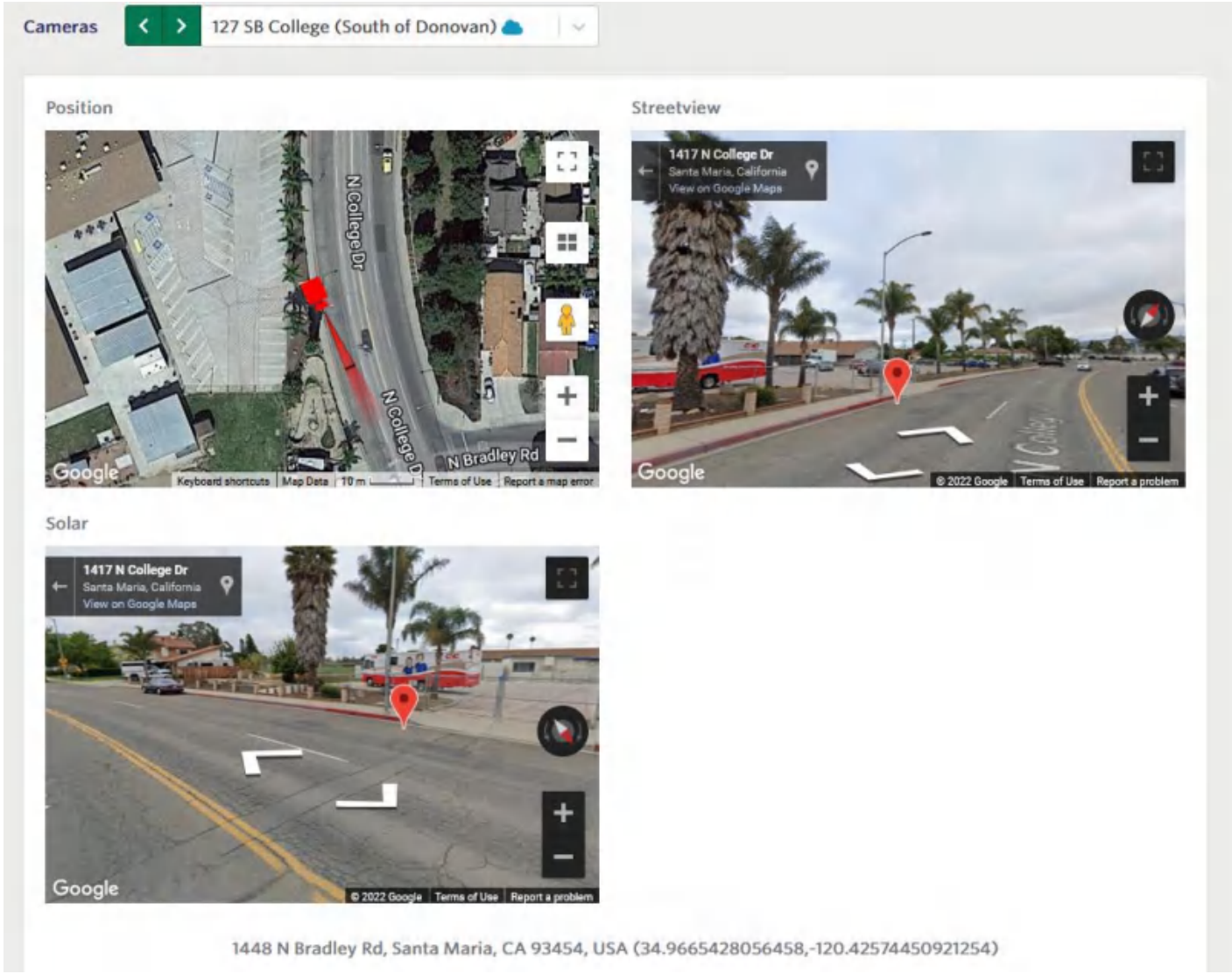
Camera 86 - WB Hidden Pines (east of Ebony) installed on existing street light pole. Aimed to capture Westbound vehicle traffic.



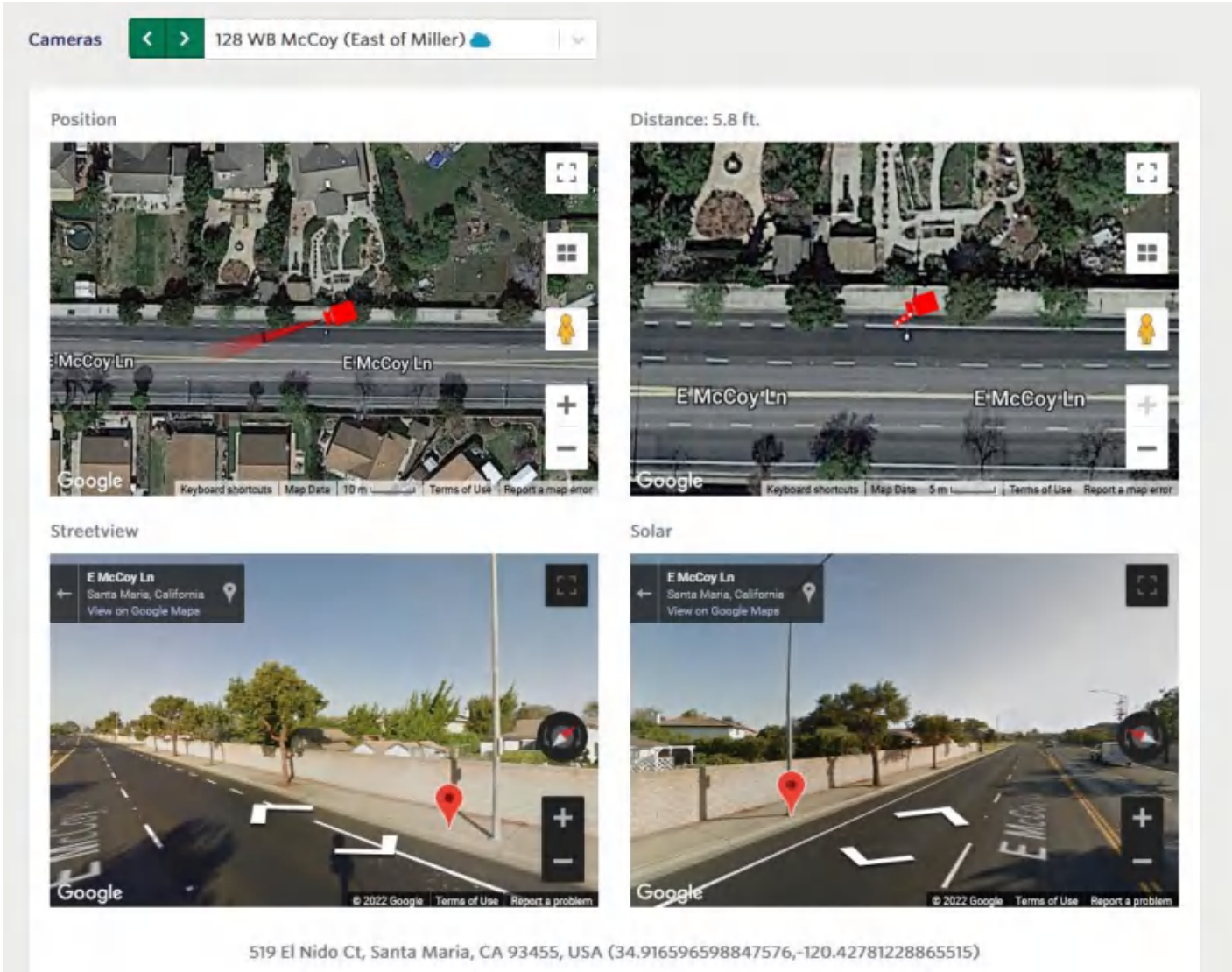
Camera 87 - WB Jones (near 101 overpass) installed on existing street light pole. Aimed to capture Westbound vehicle traffic.



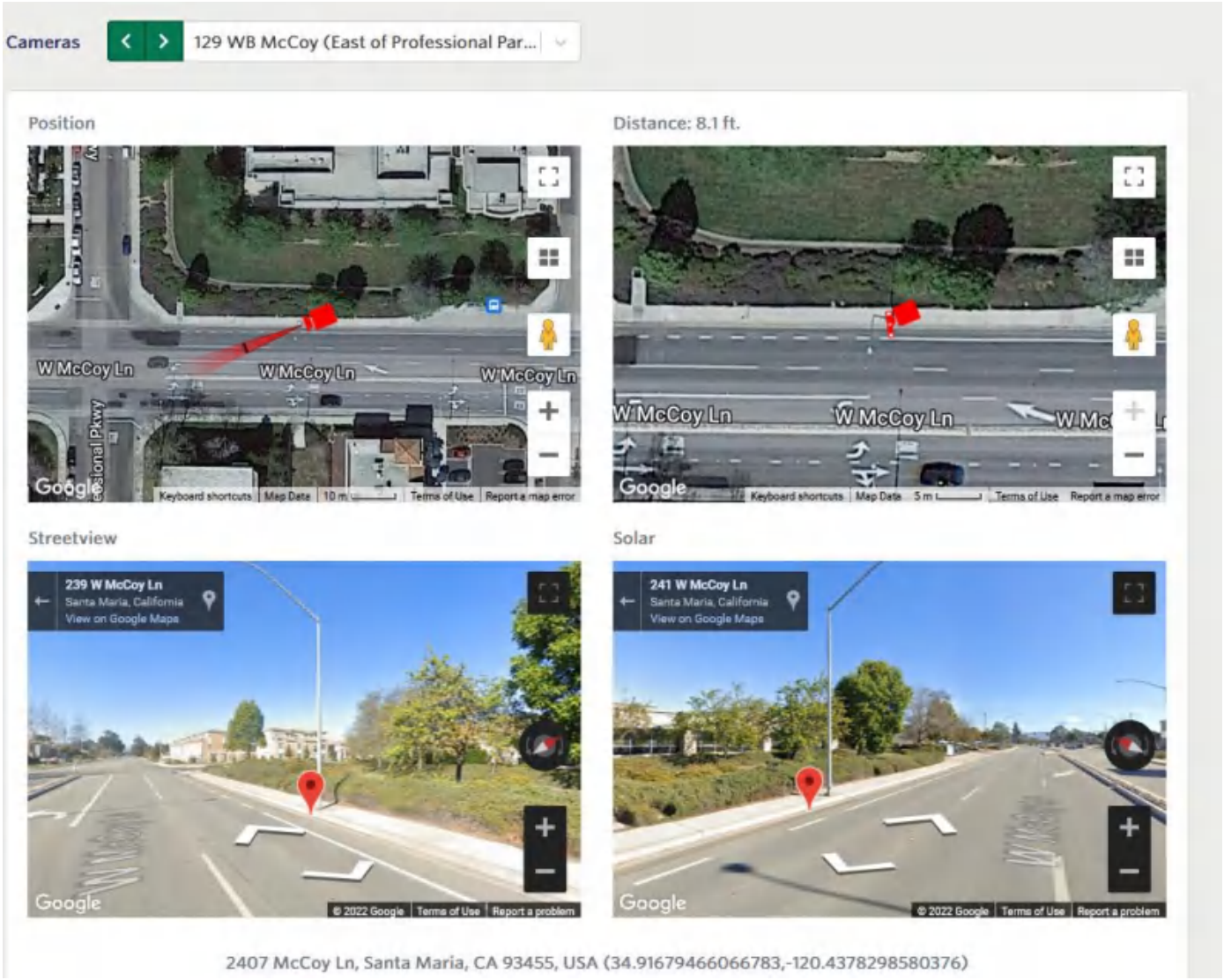
Camera 88 -WB Main (West of Concord)installed on a Flock pole approx 2ft from the curb. Aimed to capture Westbound vehicle traffic.



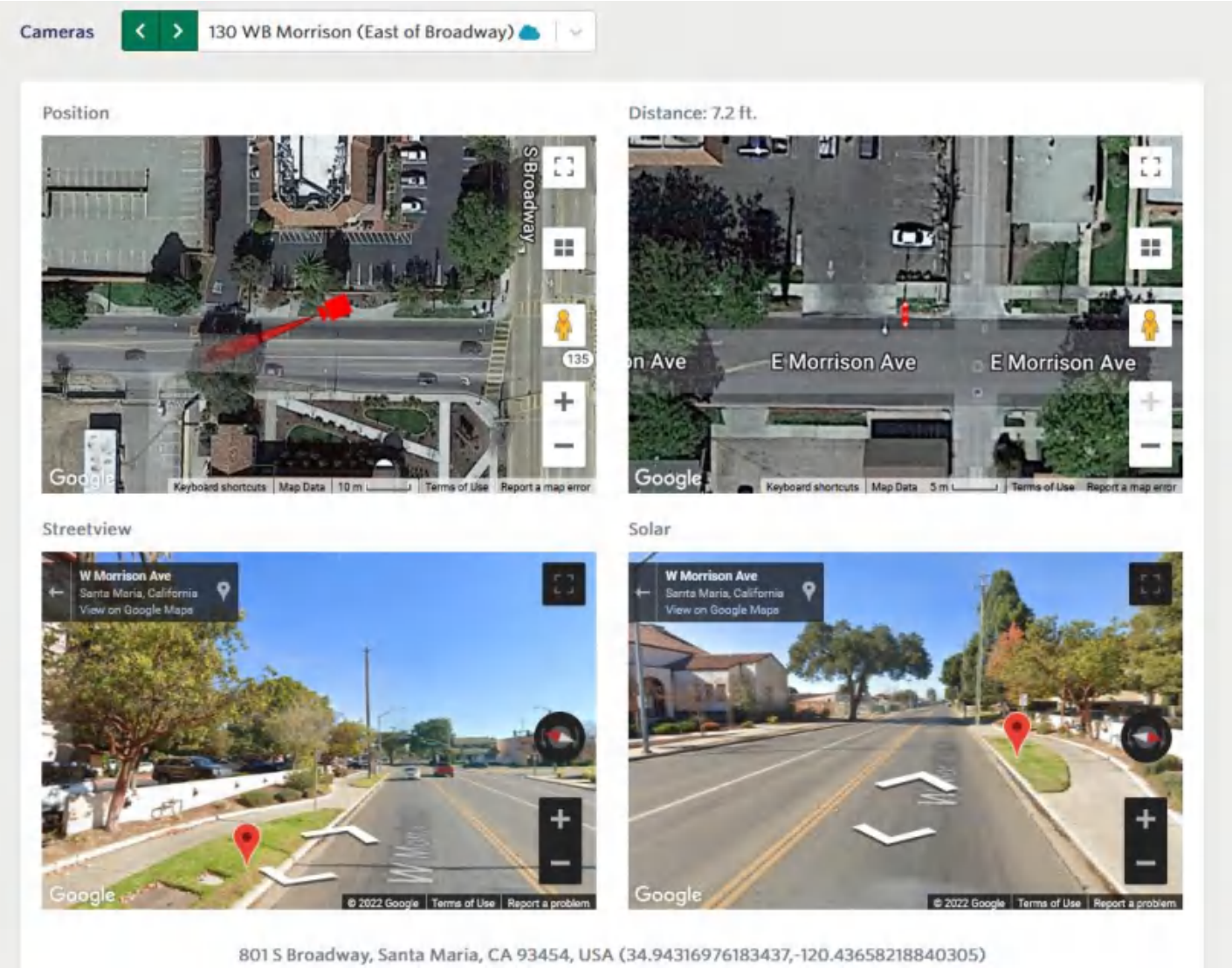
Camera 89 - SB College (South of Donovan) installed on existing street light pole. Aimed to capture Southbound vehicle traffic.



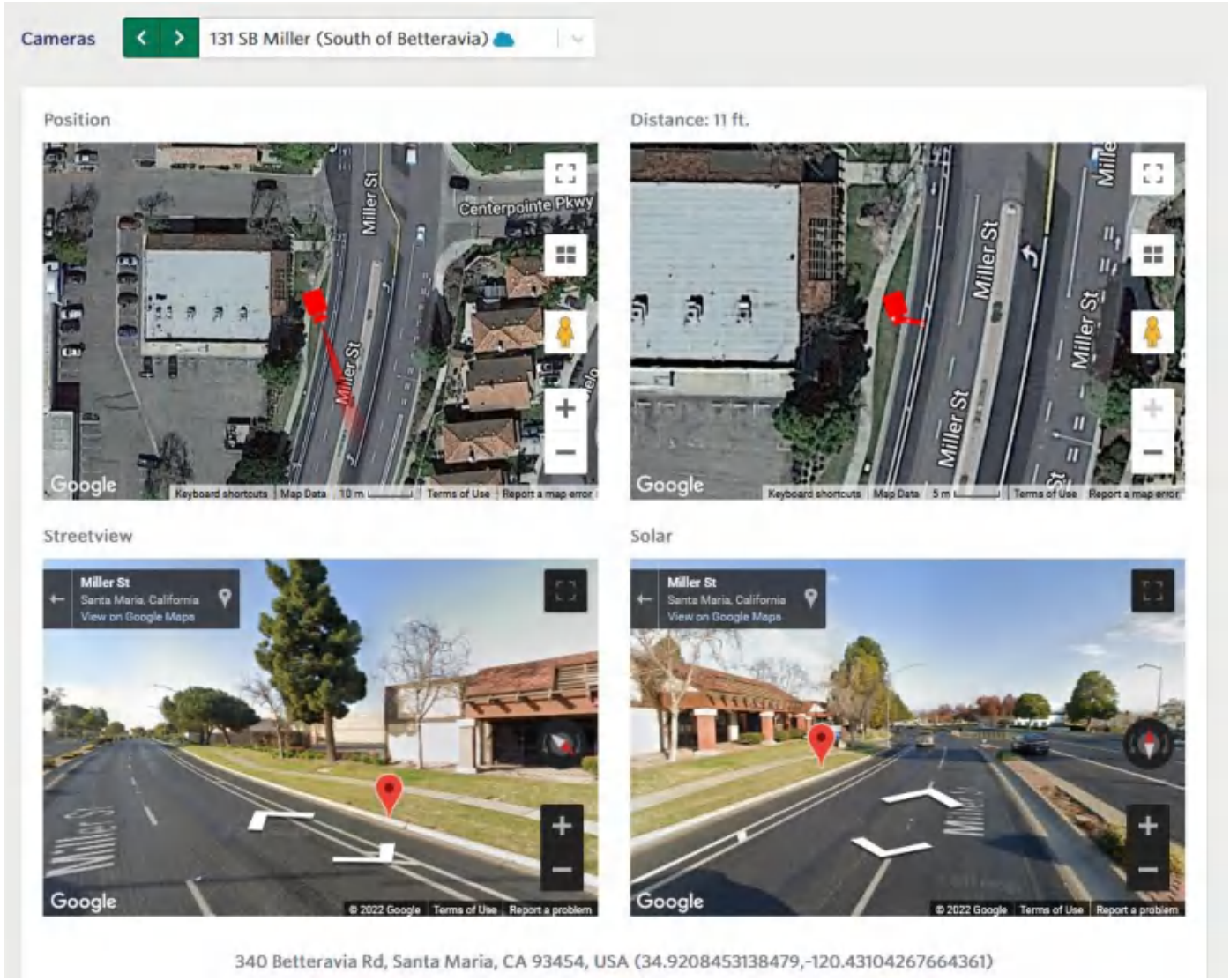
Camera 90 - WB McCoy (East of Miller) installed on existing street light pole. Aimed to capture Westbound vehicle traffic.



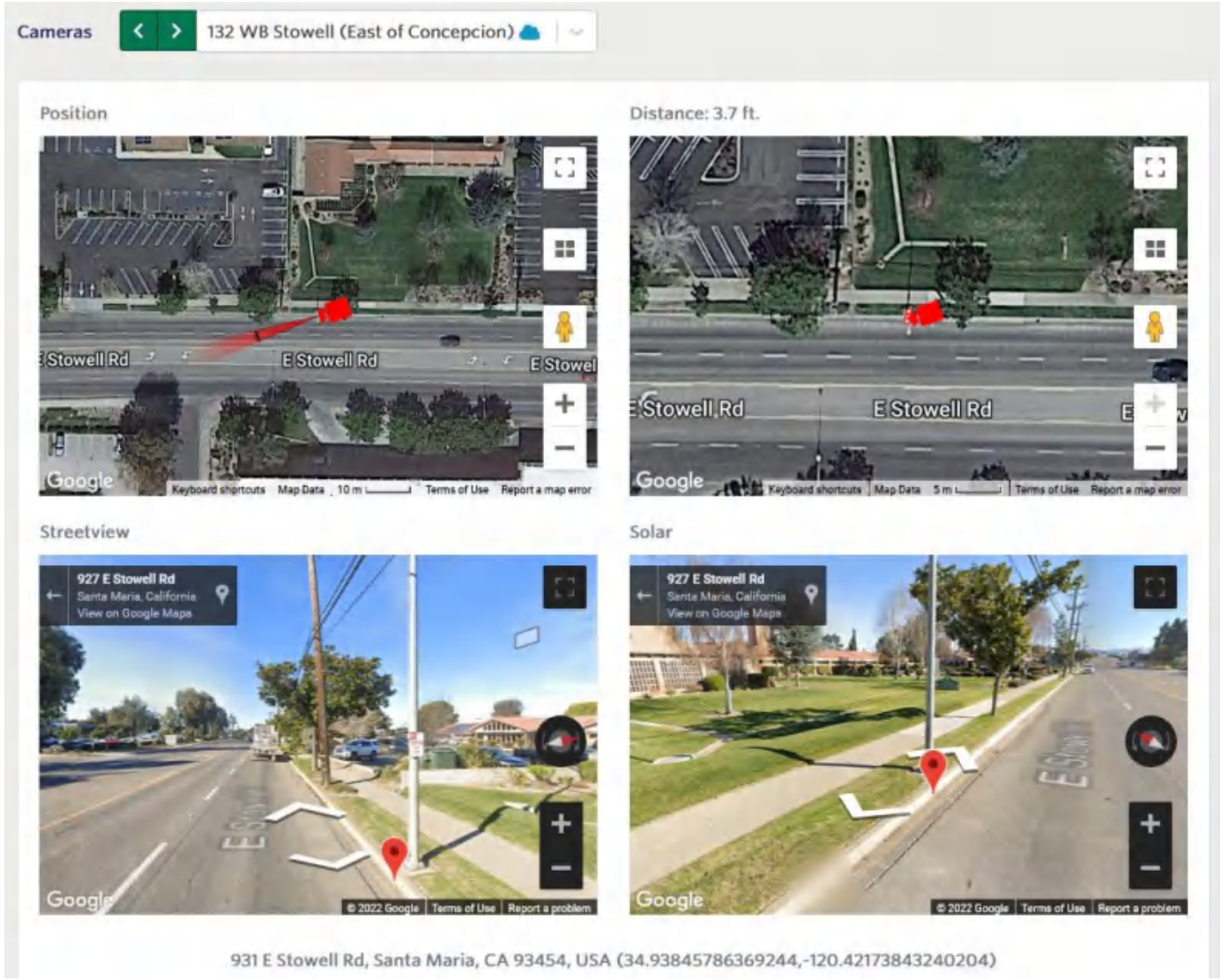
Camera 91 - WB McCoy (East of Professional Parkway) installed on existing street light pole. Aimed to capture Westbound vehicle traffic.



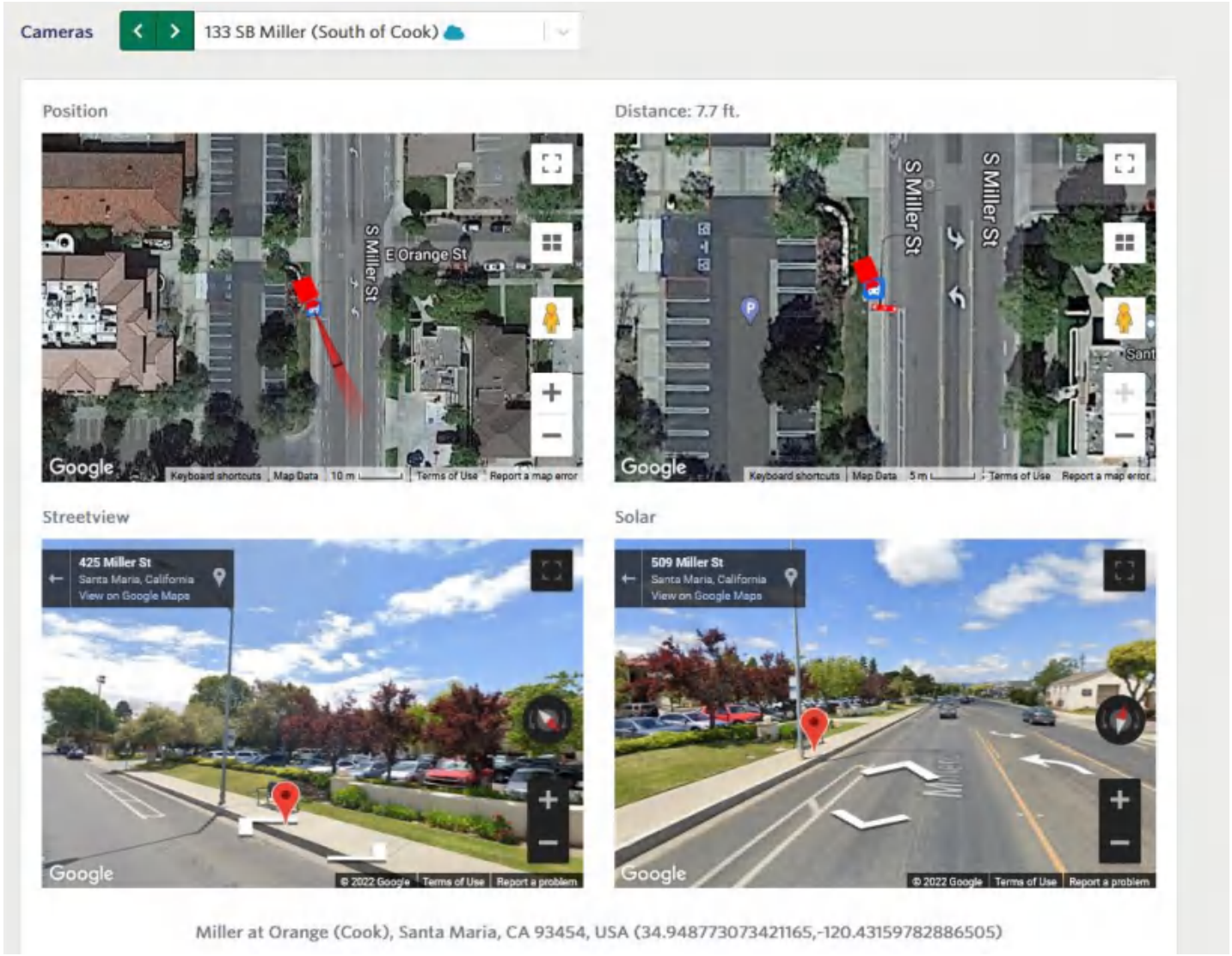
Camera 92 - WB Morrison (East of Broadway)installed on a Flock pole approx 3ft from the curb. Aimed to capture Westbound vehicle traffic.



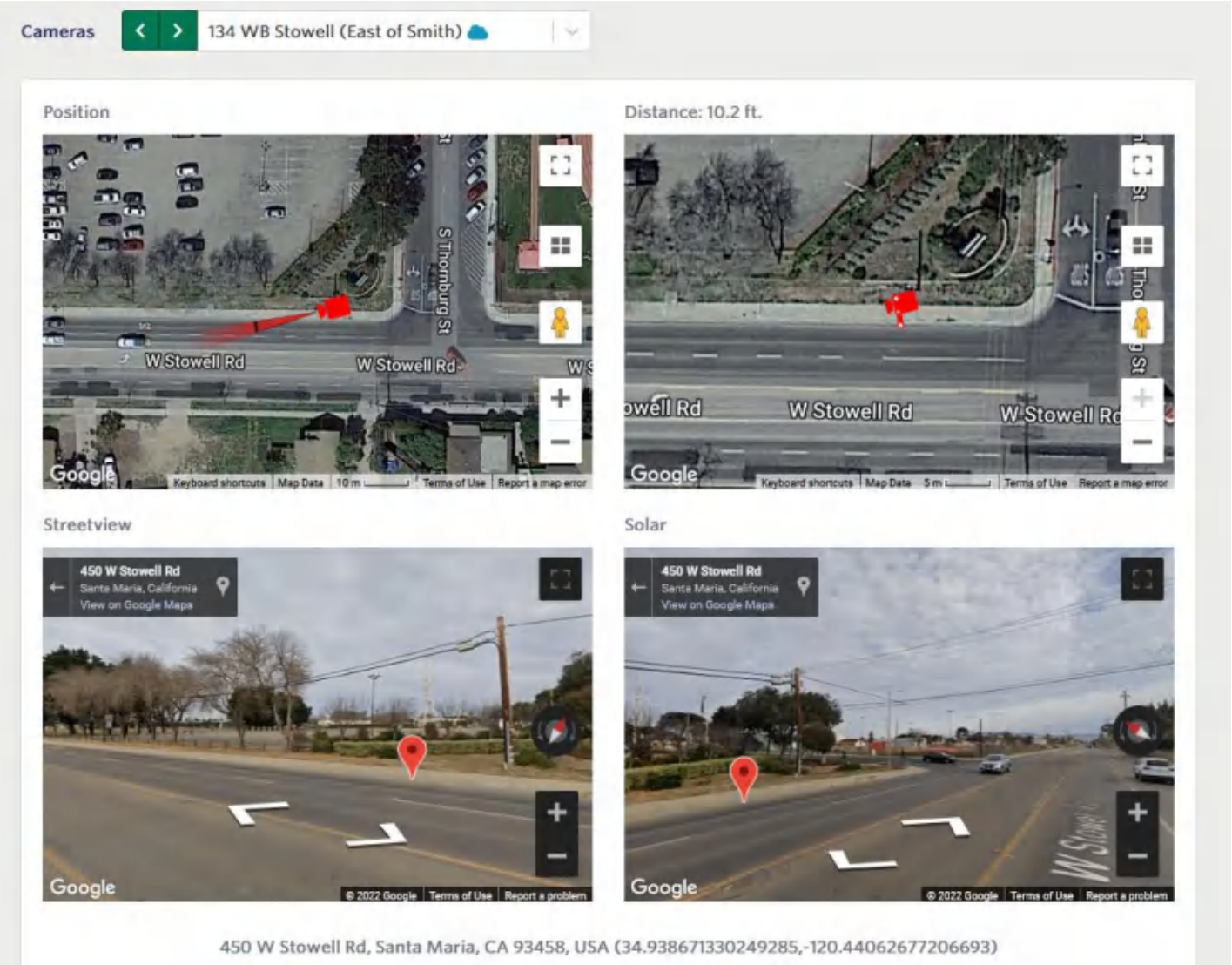
Camera 93 - SB Miller (South of Betteravia) installed on a Flock pole approx 3ft from the curb. Aimed to capture Southbound vehicle traffic.



Camera 94 - WB Stowell (East of Concepcion) installed on existing street light pole. Aimed to capture Westbound vehicle traffic.



Camera 95 - SB Miller (South of Cook) installed on existing street light pole. Aimed to capture Southbound vehicle traffic.



Camera 96 - WB Stowell (East of Smith) installed on a Flock pole approx 10ft from the curb. Aimed to capture Westbound vehicle traffic.

Camera 97 - SB Miller (South of Newlove) installed on existing street light pole. Aimed to capture Southbound vehicle traffic.

LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: 294069

PERMITTING JURISDICTION:

CITY OF SANTA MARIA

STATE OF CALIFORNIA
CITY OF SANTA MARIA
ON BEHALF OF
SANTA MARIA POLICE DEPARTMENT

CONTACT LIST

PERMITTING

DEREK PORCELLA
DEREK.PORCELLA@FLOCKSAFETY.COM

PROJECT MANAGER

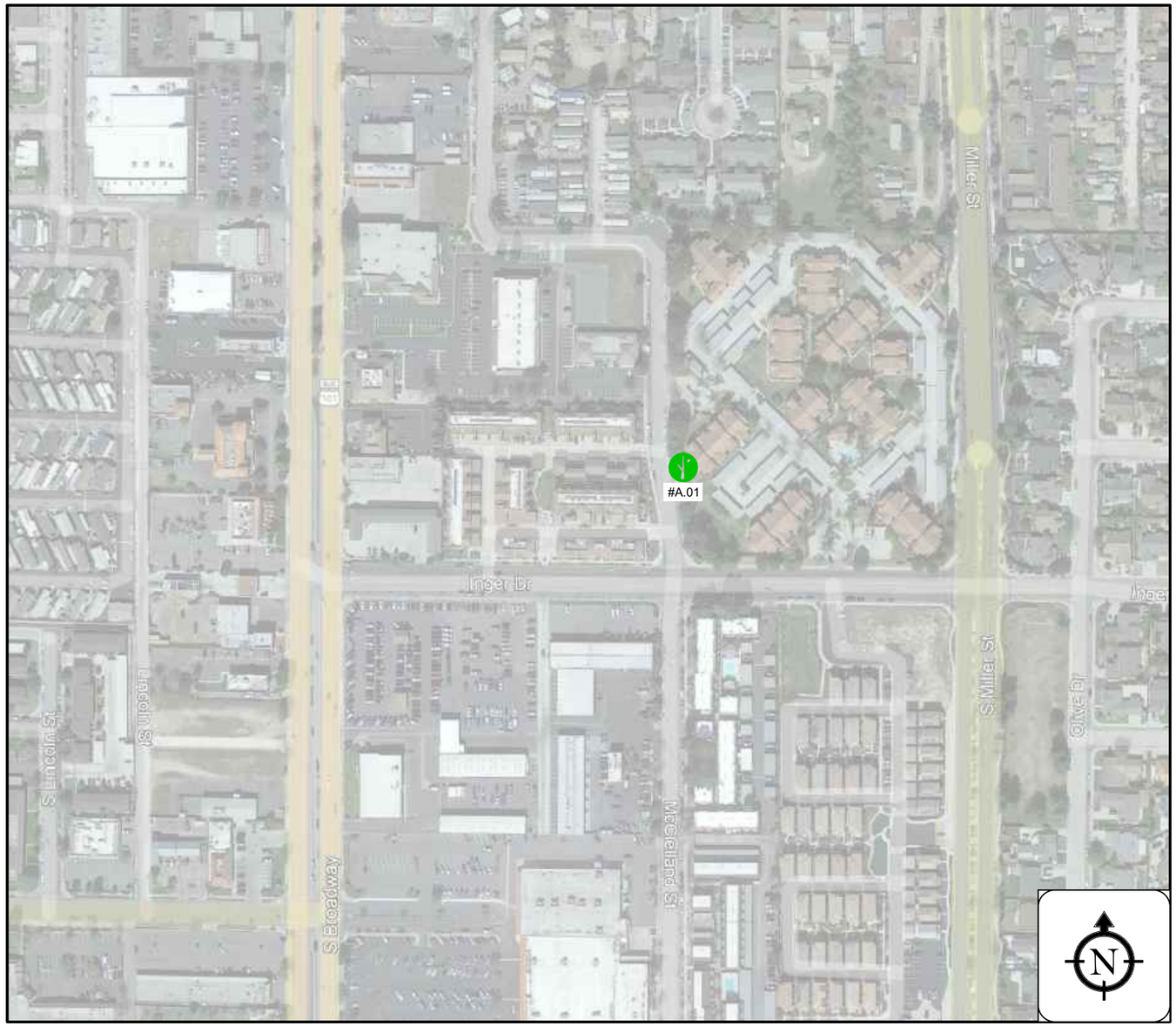
SCOUT CAPPELLO
SCOUT.CAPPELLO@FLOCKSAFETY.COM

SEE APPROVED PERMIT FOR LISTED INSPECTOR

DRAWING INDEX

T.01	COVER SHEET & LOCATION MAPS
T.02	SYMBOLOGY & ABBREVIATIONS
GN.01	GENERAL NOTES
A.01	PLAN DRAWINGS
SPEC.01 - SPEC .02	EQUIPMENT & FOUNDATION DETAILS

811 Know what's **below.** **Call** before you dig.



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SANTA MARIA POLICE DEPARTMENT

111 BETTERAVIA RD, SANTA MARIA, CA 93454

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
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0	07/08/2023	DAW	PRELIM

I HEARBY CERTIFY THIS DOCUMENT WAS PREPARED BY MYSELF OR UNDER MY DIRECT SUPERVISION THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF CALIFORNIA.

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LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: 294069
PERMITTING JURISDICTION:
CITY OF SANTA MARIA

COVER SHEET & LOCATION MAPS

SHEET:	REV:
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THIS DOCUMENT HAS BEEN DRAWN BASED OFF THE MOST RECENT AVAILABLE DATA & AERIAL IMAGERY. THIS INCLUDES RIGHT OF WAY, EXISTING UTILITIES, & PRIVATE PROPERTY LINES. IT REMAINS THE RESPONSIBILITY OF OTHERS TO VERIFY ALL DATA PRIOR AND EXISTING SURRONDING FACILITIES TO VERIFY & CONFLICTS ABOVE & BELOW GRADE. ALL CONSTRUCTION TO FOLLOW CITY OF SANTA MARIA GENERAL GUIDELINES. DO NOT SCALE DRAWINGS. CALL 811 PRIOR TO DIGGING.

LINETYPES

- R/W — RIGHT OF WAY
- EOP — EDGE OF PAVEMENT
- SW — SIDEWALK
- C/L — CENTERLINE
- GAS — GAS
- WTR — WATER
- COMM — TELEPHONE
- ELEC — ELECTRIC
- SEW — SANITARY SEWER (SEW)
- SD — STORM DRAIN
- FENCE
- TV — CABLE TV
- STM — STEAM
- OIL — OIL
- UNK — UNKNOWN UTILITY
- RAILROAD

SYMBOLOGY

- CAMERA - EXISTING
- CAMERA - PROPOSED
- POLE - PROPOSED
- POLE - EXISTING
- HH — HANDHOLE - EXISTING
- HH — HANDHOLE - PROPOSED
- PED — PEDESTAL - EXISTING
- MH — MANHOLE - EXISTING
- POINT OF INTEREST
- A — ACCESS POINT
- CULVERT - EXISTING
- FH — FIRE HYDRANT - EXISTING
- WATER MAIN - EXISTING
- W — WATER VALVE - EXISTING
- G — GAS VALVE - EXISTING
- DOWN GUY AND ANCHOR
- OHG 25' 10M — OVERHEAD GUY
- BORING REQUIRED
- UG CONDUIT - EXISTING

ABBREVIATIONS:

ABAND	Abandoned
APPROX	Approximate
ASPH	Asphalt
BLDG	Building
CL	Centerline
CMP	Corrugated Metal Pipe
CO	County
CONC	Concrete
CSG	Casing
CT	Count
CULV	Culvert
DB	Directional Bore
DBH	Diameter at Breast Height
D.D.	Down Drain
DEPT	Department
DIA	Diameter
DIR	Directional
DIST	District
DOC	Depth of Cover
DOT	Department of Transportation
DWG	Drawing
DWY	Driveway
E MH	Electric Manhole
E MKR	Electric Line Marker
E PED	Electric Pedestal
E VLT	Electric Vault
EM	Electric Meter
ENC	Encased
ENG	Engineering
EOP	Edge of Pavement
EPB	Electric Pull Box
EXIST	Existing
FDH	Fiber Distribution Hub
FDT	Fiber Distribution Terminal
FH	Fire Hydrant
FO	Fiber Optic
FO MH	Fiber Optic Manhole
FO MKR	Fiber Optic Line Marker
FO VLT	Fiber Optic Vault
FOC	Face of Curb
FS	Filter Sock
G MH	Gas Manhole
G MKR	Gas Line Marker
G SD	Grated Storm Drain
GALV	Galvanized
GEO SRV MKR	Geodetic Survey Marker
GM	Gas Meter
GV	Gas Valve
GWMW	Groundwater Monitoring Well
HDPE	High Density Polyethylene
HH	Handhole
HWY	Highway
I.P.	Inlet Protection
ILA	In Line Amplifier
INC	Incorporated
INT	Intermediate
L/A ROW	Limited Access Right of Way
LF	Linear Feet
LOC MKR	Locating Marker
LP	Light Pole
MAX	Maximum
MB	Mailbox
MH	Manhole
MIN	Minimum
MIT	Mitigation
MKR	Marker
MMV	Meet Me Vault
MON	Monument
MOT	Maintenance of Traffic
NO	Number
OC	Open Cut
PRK MTR	Parking Meter
P/L	Property Line
PED	Pedestal
PI	Point of Inflection
PKG	Package
PVC	Polyvinyl Chloride
RCB	Reinforced Concrete Box
RCP	Reinforced Concrete Pipe
RD MEM	Roadside Memorial
REQD	Required
RGS	Rigid Galvanized Steel
ROW	Right of Way
RR	Railroad
SCB	Sprinkler Control Box
SD	Storm Drain/Curb Inlet
SDMH	Storm Water Manhole
SEC.	Section
SF	Silt Fence
SMH	Sanitary Sewer Manhole
SPL	Splice
SS CO	Sanitary Sewer Clean Out
SS LIFT	Sanitary Sewer Lift Station
STA.	Station
STD	Standard
STR	Section Township Range
SWPPP	Storm Water Pollution Prevention Plan
T HH	Telecom Handhole
T MH	Telecom Manhole
T MKR	Telecom Line Marker
T PED	Telecom Pedestal
T VLT	Telecom Access Vault
T.P.	Trench Plug
TCB	Traffic Control Box
TCE	Temporary Construction Easement
TCV	Traffic Control Vault
TRF MH	Traffic Control Manhole
TSP	Traffic Signal Light
TYP	Typical
UG	Underground
UNK MH	Unknown Manhole
UNK PED	Unknown Pedestal
UNK UTL MKR	Unknown Utility Marker
UNK VLT	Unknown Vault
UTL LP	Utility Light Pole
UTL P	Utility Pole
VLT	Vault
VP	Gas Vent Pipe
W MH	Water Manhole
W MKR	Water Line Marker
W SPG	Water Spigot
W VLT	Water Vault
WM	Water Meter
WV	Water Valve

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SANTA MARIA POLICE DEPARTMENT

111 BETTERAVIA RD, SANTA MARIA, CA 93454

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

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LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: 294069
PERMITTING JURISDICTION:
CITY OF SANTA MARIA

COVER SHEET & LOCATION MAPS

SHEET:	REV:
T.02	0

THIS DOCUMENT HAS BEEN DRAWN BASED OFF THE MOST RECENT AVAILABLE DATA & AERIAL IMAGERY. THIS INCLUDES RIGHT OF WAY, EXISTING UTILITIES, & PRIVATE PROPERTY LINES. IT REMAINS THE RESPONSIBILITY OF OTHERS TO VERIFY ALL DATA PRIOR AND EXISTING SURRONDING FACILITIES TO VERIFY & CONFLICTS ABOVE & BELOW GRADE. ALL CONSTRUCTION TO FOLLOW CITY OF SANTA MARIA GENERAL GUIDELINES. DO NOT SCALE DRAWINGS. CALL 811 PRIOR TO DIGGING.

GENERAL & CONSTRUCTION NOTES

1. FLOCK SAFETY SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES 48 PRIOR TO CONSTRUCTION.

2. CONTRACTOR SHALL BE RESPONSIBLE TO APPLY AND OBTAIN AN APPROVED TRAFFIC CONTROL PLAN IN ACCORDANCE WITH MUTCD AND LOCAL STANDARDS AS REQUIRED.

3. CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE ALL DISTURBED AREAS TO ORIGINAL CONDITION TO STATE DEPARTMENT OF TRANSPORTATION AND LOCAL AGENCY SATISFACTION AT NO ADDITIONAL COMPENSATION.

4. ALL WORK SHALL CONFORM TO ALL APPLICABLE ELECTRICAL CODES EXCEPT WHEN SATE DEPARTMENT OF TRANSPORTATION AND LOCAL AGENCY STANDARDS SUPERSEDE.

5. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH STATE AND LOCAL AGENCY SPECIFICATIONS UNLESS SPECIFICALLY STATED OR SHOWN OTHERWISE HEREIN.

6. THE WORK INVOLVING INSTALLATION OF FLOCK SAFETY ALPR CAMERAS INVOLVING TEMPORARY LANE CLOSURES ARE TO BE DONE BETWEEN THE HOURS OF 8:00AM AND 5:00PM. MONDAY THROUGH FRIDAY UNLESS OTHERWISE STATED BY THE DEPARTMENT.

7. WHEN INSTALLING FLOCK SAFETY PROVIDED POLES, A MINIMUM OF 2' SEPARATION SHALL BE MAINTAINED FROM ALL EXISTING UTILITIES AND STORM DRAIN STRUCTURES.

8. IF THE PROPOSED UTILITY CANNOT BE INSTALLED PER THE APPROVED PERMITTED PLAN AND BY GENERAL SPECIFICATIONS, A REVISED PLAN MUST BE PROVIDED TO THE DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO THE INSTALLATION OF PRODUCTS OR MATERIALS AT THE GIVEN LOCATIONS WHERE CONFLICTS OCCUR.

9. NO PEDESTRIAN PATHWAY IS TO BE REMOVED, BLOCKED, OR DISTURBED WITHOUT HAVING A SUFFICIENT DESIGNATED TEMPORARY PEDESTRIAN PATHWAY WITH ALL APPROPRIATE PEDESTRIAN MAINTENANCE OF TRAFFIC SIGNS IN PLACE PRIOR TO PATHWAY BEING AFFECTED.

10. ALL TEMPORARY PEDESTRIAN PATHWAYS MUST BE FIRM AND UNYIELDING.

11. ANY SIDEWALK DISTURBED WILL BE REPLACED BY SECTION WITHIN 72 HOURS TO GENERAL SPECIFICATIONS.

12. THE GENERAL RETAINS THE RIGHT TO MAKE ALTERATIONS TO THE PERMIT, ATTACHED SKETCH OR CHARACTER OF WORK AS MAY BE CONSIDERED NECESSARY OR DESIRABLE DURING THE PROGRESS OF THE WORK FOR SATISFACTORY COMPLETION OF THE PROPOSED CONSTRUCTION.

13. THE PERMITTEE SHALL NOTIFY THE GENERAL OF DATE OF COMPLETION, REQUEST A FINAL INSPECTION AND A NOTICE OF FINAL ACCEPTANCE.

14. ALL CONSTRUCTION AND/OR MAINTENANCE ON THE GENERAL RIGHT OF WAY SHALL CONFORM TO THE FEDERAL MANUAL ON UNIFORM TRAFFIC DEVICES, THE GENERAL ROADWAY AND TRAFFIC DESIGN STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, PLANS PREPARATION MANUAL AND DRAINAGE MANUAL.

15. ANY SIDEWALK DAMAGED AS A RESULT OF WORK BEING PERFORMED IN ASSOCIATION WITH THE PERMITTEE AND CONTRACTOR SHALL BE REMOVED AND REPLACED.

16. THE CONTRACTOR SHALL HAVE AN AUTHORIZED PERSON AVAILABLE AT/OR NEAR THE WORK SITE ON A 24 HOUR BASIS, 7 DAYS A WEEK IN ORDER TO ADDRESS EMERGENCY ISSUES ASSOCIATED WITH THE PROJECT.

17. NO STOCKPILING, STORING OR SEMI PERMANENT USE OF THE RIGHT OF WAY IS AUTHORIZED UNLESS SPECIFICALLY IDENTIFIED WITHIN THE PERMIT.

18. NO WORK SHALL BE PERFORMED DURING ANY STATE OR FEDERAL HOLIDAYS UNLESS OTHERWISE APPROVED BY THE GENERAL.

19. THE PERMITTED WORK SCHEDULE IS DEFINED AS MONDAY THROUGH FRIDAY 8:00AM TO 5:00PM UNLESS OTHERWISE NOTED WITHIN THE PERMIT. ANY WORK DESIRED OUTSIDE OF THIS PERIOD MUST BE REQUESTED IN ADVANCE AND APPROVED BEFORE WORKING THE ALTERNATE SCHEDULE.

20. THE DEPARTMENT RESERVES THE RIGHT TO MAKE ADJUSTMENTS TO ANY PERMITTED METHODS OF INSTALLATION, SCOPE OF WORK AND RESTORATION THAT MAY BE REQUIRED TO POSITIVELY SUPPORT LIFE, SAFETY AND ENVIRONMENTAL WELL BEING OF ALL USERS OF THE TRANSPORTATION SYSTEM.

21. PERMITTEE SHALL NOT BEGIN ANY WORK ALONG GENERAL RIGHT-OF-WAY UNTIL THE INPECTION OF THE PERMIT ARE MET.

22. PRIOR TO CLOSING A LANE, THE PERMITTEE SHALL PROVIDE A SUTIABLE TRAFFIC CONTROL PLAN AS PER FEDERAL MANUAL TRAFFIC CONTROL STANDARDS DEPICTING ALL WORK BEING DONE. THE UTILITY OWNER IS NOT REQUIRED TO REPORT LANE CLOSURES FOR EMERGENCIES.

23. IT WILL BE THE RESPONSIBILITY OF THE PERMITTEE TO REPAIR ANY DAMAGE TO GENERAL FACILITIES AND/OR PRIVATE PROPERTY CAUSED BY CONSTRUCTION OF THE PROJECT.

DESIGN NOTES:

1. POLE AND FOUNDATION DESIGNED PER CURRENT STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORT FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS.

2. POLE DESIGN WIND SPEED IS 85 MPH, 110 MPH, 130 MPH, AND 150 MPH BASED ON A 300-YEAR MRI.

3. CONCRETE SHALL HAVE A MINIMUM 28-DAY DESIGN STRENGTH OF 3000 PSI, AND HAVE AT LEAST 505 POUNDS OF CEMENTITIOUS MATERIAL PER CUBIC YARD.

4. PROVIDE A FLAT BEARING SURFACE ON TOP SURFACE ON TOP SHAFT BELOW THE POLE BASE. SLOPE TOP SURFACE OF CONCRETE SHAFT OUTSIDE OF POLE BASE TO DRAIN AWAY FROM POLE.

5. DO NOT USE THIS DETAIL FOR SITES WHERE SOIL CONSISTS OF SOFT CLAY, PEAT OR ANY OTHER SOIL WHERE A SMALL DIAMETER REBAR (#5 OR SMALLER) OR METAL PROBE PENETRATES EASILY TO 6" OR MORE OF DEPTH WHEN THE FULL WEIGHT OF A PERSON IS APPLIED.

ADA COMPLIANCE NOTES:

1. ALL SIDEWALK CONSTRUCTION SHALL BE IN ACCORDANCE WITH ADA TITLE II AND ALL FEDERAL, STATE, AND LOCAL STANDARDS.

2. USE STANDARD WATCH MANUAL PLANS FOR PEDESTRIAN CONTROL PLANS FOR CLOSURE OF SIDEWALK.

3. MINIMUM SIDEWALK CLEAR PEDESTRIAN ACCESS ROUTE (PAR) IS 48" WIDE.

4. NO OBSTRUCTION IS PERMITTED ALONG THE WIDTH OF THE SIDEWALK UP TO 7'-0" IN HEIGHT.

COUNTY NOTES:

1. CURRENT A.D.A. STANDARDS SHALL BE UPHELD AT ALL TIMES.

2. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTY IN THE VICINITY OF THE CONSTRUCTION.

3. CONTRACTOR SHALL PROVIDE SAFE ACCESS PER CURRENT GENERAL STANDARDS FOR ALL PEDESTRIAN TRAFFIC REGULATIONS ON ALL EXCAVATIONS OPENED IN THE TRAFFIC ZONE CONTROL AREA.

4. CONTRACTOR SHALL RESTORE RIGHT-OF-WAY TO EQUAL OR BETTER CONDITION UPON COMPLETION OF WORK.

GENERAL NOTES:

1. ALL WORK PERFORMED WITHIN THE GENERAL RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE CURRENT GENERAL STANDARDS.

2. SHOULD A CONFLICT ARISE BETWEEN THE DETAILS SHOWN IN THE PLANS AND THE DEPARTMENT OF TRANSPORTATION STANDARDS, THE ENGINEER/PERMITTEE SHALL IMMEDIATELY CONFER WITH THE TRANSPORTATION STANDARDS, THE ENGINEER/PERMITTEE SHALL IMMEDIATELY CONFER WITH THE DEPARTMENT'S ENGINEER IN ORDER TO RESOLVE THE DISCREPANCY. IN NO CASE WILL ANYTHING LESS THAN THE DEPARTMENTS MINIMUM STANDARDS BE ALLOWED.

3. ALL TRAFFIC STRIPING AND MARKINGS ARE TO BE LEAD-FREE, NON-SOLVENT BASED THERMOPLASTIC.

4. ALL DISTURBED AREA WITHIN THE RIGHT-OF-WAY WILL BE RESTORED TO ORIGINAL OR BETTER CONDITION BY GRADING AND SODDING IN AREA DISTURBED.

5. BURNING OF ANY MATERIAL OR DEBRIS IS PROHIBITED IN GENERAL RIGHT-OF-WAY.

6. ALL LANES MUST BE OPENED FOR TRAFFIC DURING AN EVACUATION NOTICE OF A CATASTROPHIC EVENT AND SHALL REMAIN OPEN FOR THE DURATION OF THE EVACUATION OR EVENT.

7. THE CONTRACTOR SHALL NOTIFY JURISDICTION PRIOR TO BEGINNING ANY CONSTRUCTION WITHIN GENERAL RIGHT-OF-WAY AS PER ISSUED PERMIT.

8. ALL AREAS WITHIN GENERAL R/W DISTURBED BY CONSTRUCTION SHALL BE RE-GRADED AND SODDED WITH LIKE-KIND SOD WITHIN (7) DAYS.

1.0 SCOPE OF WORK

1.1 THIS PROJECT SHALL CONSIST OF THE FOLLOWING OPERATIONS:

THE WORK PACKAGE IS FOR THE INSTALLATION OF FLOCK SAFETY ALPR CAMERAS WHICH INCLUDES BUT IS NOT LIMITED TO: FLOCK SAFETY PROVIDED POLES, POLE MOUNTED SOLAR PANELS, AND EXTERNAL BATTERY PACKAGES.

2.0 DRAWINGS

2.1 THE WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE FOLLOWING ATTACHED DRAWINGS THAT ARE HEREBY MADE A PART OF THE STATEMENT OF WORK, BY THIS REFERENCE.

2.2 INSTALLER SHALL RECEIVE FLOCK SAFETY MATERIALS AT A FLOCK SAFETY LEASED WAREHOUSE FACILITY OR AT THE LOCAL TSO LOCATED AT (CONTACT 24 HOURS IN ADVANCE): 1170 HOWELL MILL RD NW, ATLANTA, GA 30318.

ALL UNUSED AND REQUESTED SALVAGED MATERIAL TO BE RETURNED TO SAME ADDRESS.

2.3 THE RECEIPT OF ALL MATERIALS SHALL BE CONSTRUED AS CONCLUSIVE EVIDENCE THAT THE INSTALLER HAS MADE ALL NECESSARY EXAMINATION AND INSPECTIONS, AND IS SATISFIED AS TO THE QUALITY AND QUANTITY OF MATERIALS RECEIVED.

2.4 ANY AND ALL MATERIALS THAT MAY BECOME LOST, STOLEN OR DAMAGED SHALL BE REPLACED BY THE INSTALLER AT HIS SOLE EXPENSE, AND ANY DELAY INCURRED SHALL NOT BE CAUSE FOR AN EXTENSION IN TIME.

2.5 ALL UNUSED MATERIALS SUPPLIED BY FLOCK SAFETY BUT NOT USED IN THE COMPLETION OF WORK SHALL BE RETURNED TO FLOCK SAFETY FOURTEEN (14) DAYS AFTER INSTALL COMPLETION. FLOCK SAFETY WILL ARRANGE FOR THE TRANSPORTATION OF THESE MATERIALS.

3.0 PERMITS

3.1 FLOCK SAFETY HAS OBTAINED OR WILL OBTAIN PERMITS FROM DEPARTMENTS AND/OR AGENCIES OF CITIES, COUNTIES, STATES, FEDERAL GOVERNMENT, RAILROAD OR OTHER ENTITIES, WHICH PROVIDE FOR THE PLACING OF PIPES AND/OR CABLE UNDER DITCH, TRACKS AND ROADS AND PLACING PIPES AND/OR CABLE ALONG AND WITHIN PUBLIC OR PRIVATE ROAD RIGHTS OF WAY AND RAILROAD RIGHTS.

3.2 CONTRACTOR SHALL OBTAIN ADDITIONAL PERMITS, IF REQUIRED, FOR EQUIPMENT ACCESS OR MOVEMENT ON PUBLIC ROADS AND RAILROADS. COPIES OF SUCH PERMITS SHALL BE FURNISHED TO FLOCK SAFETY.

3.3 ALL TRAFFIC CONTROL, IF APPLICABLE, SHALL BE IN ACCORDANCE WITH LOCAL, STATE, COUNTY, OR PERMITTING AGENCY LAWS, REGULATIONS, AND REQUIREMENTS, AND WILL BE THE INSTALLER'S RESPONSIBILITY. TRAFFIC CONTROL PLANS PROVIDED BY CURRENT GENERAL DESIGN STANDARDS.

4.0 SAFETY AND PRECAUTIONS

4.1 ALL PERSONNEL ARE REQUIRED TO ABIDE BY ALL RULES AND REGULATIONS SET FORTH IN THE FLOCK SAFETY REQUIREMENTS, RAILROAD SAFETY CODE AND GOVERNING JURISDICTION.

4.2 THE WORK UNDER THIS INSTALLATION WILL BE CONSTRUCTED ALONG RIGHTS OF WAY THAT MAY CONTAIN EXISTING AND OPERATIONAL UTILITIES. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR LOCATING EXISTING UTILITIES AND FOR COMPLIANCE WITH THE REQUIREMENTS OF ANY STATEWIDE AND/OR LOCAL AREA IN ADVANCE OF ANY EXCAVATION, BORING OR PLACING WORK AND THE CONTRACTOR SHALL LOCATE AND EXPOSE BY HAND ALL EXISTING SUBSURFACE PLANT. ANY DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT HIS SOLE EXPENSE AND ANY DELAY INCURRED SHALL NOT BE CAUSE FOR AN EXTENSION IN THE TIME OF THE CONTRACT.

4.3 INSTALLER SHALL BE RESPONSIBLE FOR THE PROTECTION AND MAINTENANCE OF PUBLIC AND PRIVATE PROPERTIES. INSTALLER SHALL PROTECT, SHORE, BRACE, SUPPORT AND MAINTAIN ALL UNDERGROUND PIPES, CONDUITS, DRAINS AND OTHER SUBSURFACE STRUCTURES UNCOVERED OR OTHERWISE AFFECTED BY THE WORK.

4.4 INSTALLER SHALL BE RESPONSIBLE FOR ALL DAMAGE TO STREETS, ROADS, HIGHWAYS, SHOULDERS, DITCHES, EMBANKMENTS, CULVERTS, BRIDGES OR OTHER PUBLIC OR PRIVATE PROPERTY OR FACILITY, REGARDLESS OF LOCATION OR CHARACTER, WHICH MAY BE CAUSED BY THE WORK, OR BY MOVING, HAULING, OR OTHERWISE TRANSPORTING EQUIPMENT, MATERIALS OR WORKERS TO OR FROM WORK OR ANY SITE THEREOF, WHETHER BY THE CONTRACTOR OR SUBCONTRACTORS.

4.5 DURING ALL PHASES OF CONSTRUCTION, THE INSTALLER SHALL MAINTAIN WORK AREAS IN A NEAT AND ORDERLY MANNER. CONSTRUCTION EQUIPMENT, MATERIAL AND SUPPLIES THAT ARE STORED ON THE RIGHT OF WAY SHALL NOT RESTRICT ACCESS TO SUCH RIGHT OF WAY OR THE RIGHT OF WAY ITSELF.

5.0 SECURITY

5.1 INSTALLER IS RESPONSIBLE FOR ALL SECURITY REQUIRED TO PROTECT HIS WAREHOUSE, LAYDOWN, AND STAGING AREA AND THE USE OF OUTSIDE PLANT WORK. SECURITY SHALL ALSO INCLUDE TRAFFIC CONTROL WHERE REQUIRED INCLUDING THE USE OF OFF DUTY POLICE OFFICERS.

6.0 STAKING AND SCHEDULING

6.1 ALL STAKING WILL BE PROVIDED BY FLOCK SAFETY. REQUIRED RIGHT OF WAY CLEARING SHALL BE COMPLETED PRIOR TO STAKING: THEREFORE, THE INSTALLER SHALL COORDINATE ALL CLEARING AND PLACING OPERATIONS WITH THE FLOCK SAFETY PROJECT SUPERVISOR TO AVOID DELAYS AND INTERFERENCE.

6.2 FLOCK SAFETY WILL PROVIDE RAILROAD, FLAGMEN AND SIGNALMEN AS REQUIRED; HOWEVER, THE CONTRACTOR SHALL BE REQUIRED TO COORDINATE ITS NEEDS FOR SUCH SIGNALMEN AND FLAGMEN WITH FLOCK SAFETY.

6.3 IN ADDITION TO THE SCHEDULING REQUIREMENTS IN THE GENERAL PROVISIONS, UPON REQUEST THE CONTRACTOR SHALL ALSO SUBMIT TO THE FLOCK SAFETY PROJECT SUPERVISOR, DAILY CREW ASSIGNMENT REPORTS SPECIFYING CREW AND CREW COMPOSITION AND WORK LOCATION.

7.0 SPECIAL CONSIDERATIONS

7.1 IN THE EVENT OF HIRING A CONTRATOR; DURING THE BIDDING PROCESS THE CONTRACTOR SHOULD CONSIDER THE FOLLOWING ITEMS:

7.1.1 ALL WASTE AND/OR ABANDONED MATERIALS TO BE REMOVED SHALL BE DISPOSED OF AT A "RECOGNIZED DUMP FACILITY" IN THE AREA AS DESIGNATED BY THE LOCAL GOVERNING AUTHORITY.

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SANTA MARIA POLICE DEPARTMENT

111 BETTERAVIA RD, SANTA MARIA, CA 93454

flock safety

1170 HOWELL MILL ROAD SUITE 210
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REV	DATE	BY	DESCRIPTION
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LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: 294069
PERMITTING JURISDICTION:
CITY OF SANTA MARIA

COVER SHEET & LOCATION MAPS

SHEET:	REV:
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PROPOSED FLOCK EQUIPMENT ON PROPOSED 12'-0" FLOCK POLE

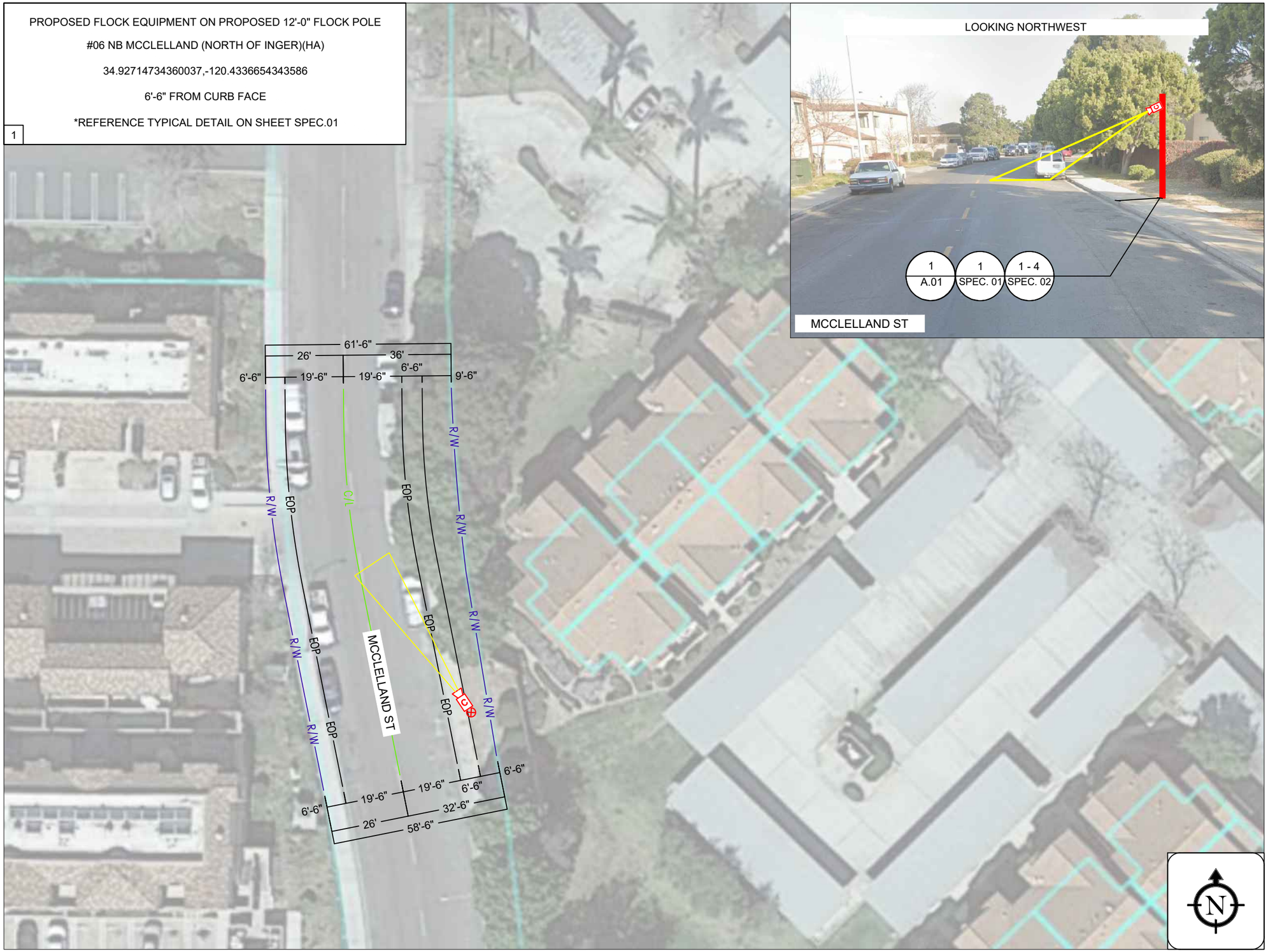
#06 NB MCCLELLAND (NORTH OF INGER)(HA)

34.92714734360037,-120.4336654343586

6'-6" FROM CURB FACE

*REFERENCE TYPICAL DETAIL ON SHEET SPEC.01

1



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DESIGN NOTES

1. POLE AND FOUNDATIONS ARE DESIGNED IN ACCORDANCE WITH THE FOLLOWING CODES:
   - 1.1. 2009/2012/2015/2018/2021 INTERNATIONAL BUILDING CODE
   - 1.2. AASHTO LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORT FOR HIGHWAY SIGNS, LUMIN - TRAFFIC SIGNALS, 2015 EDITION.
2. POLE ANALYSIS AND FOUNDATION DESIGN ARE BASED ON THE FOLLOWING CRITERIA:
   - 2.1. DESIGN WIND SPEED (Vult): (SEE SECTION 2.6)
   - 2.2. RISK CATEGORY: II
   - 2.3. EXPOSURE CATEGORY: C
   - 2.4. TOPOGRAPHIC CATEGORY: 1
   - 2.5. SEISMIC DESIGN CRITERIA:
     - 2.5.1. SOIL SITE CLASS: D (ASSUMED)
     - 2.5.2. SPECTRAL RESPONSE, Ss: 1.000g (MAXIMUM)
     - 2.5.3. SPECTRAL RESPONSE, S1: 0.400g (MAXIMUM)
     - 2.5.4. SEISMIC DESIGN CATEGORY: B
   - 2.6. STRUCTURE BASE REACTIONS ARE CALCULATED AS FOLLOWS:

DESIGN WIND SPEED (MPH)	MOMENT (K-FT)	SHEAR (KIP)	AXIAL (KIP)
115	2.70	0.280	0.160
125	3.20	0.330	0.160
135 (MAX)	3.70	0.380	0.160

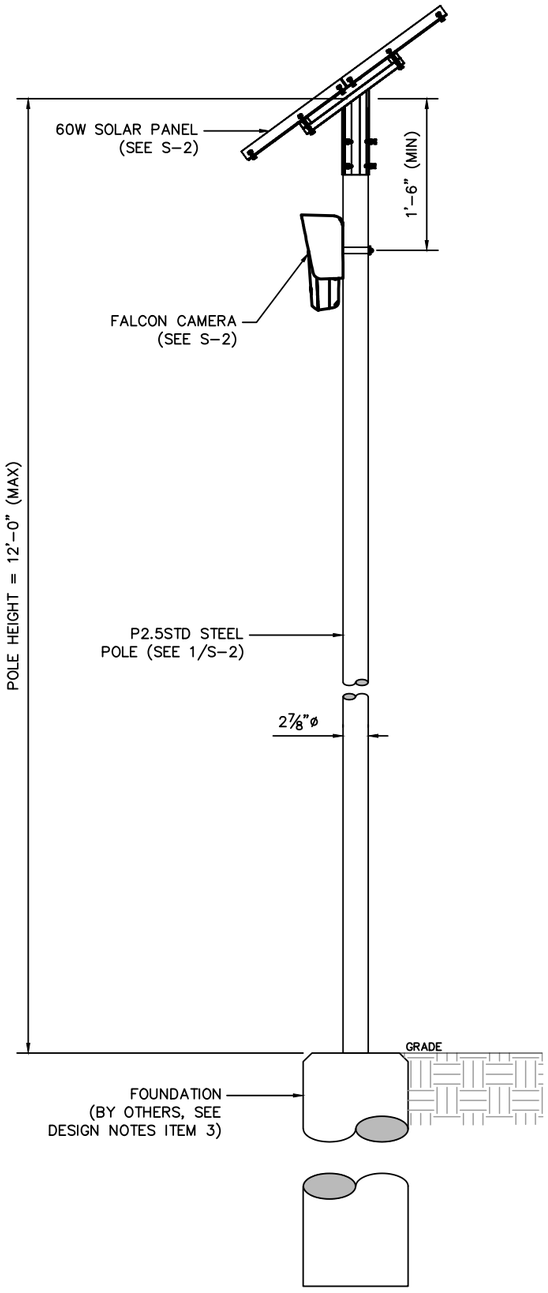
   - 2.7. SHOULD ANY OF THE SITE-SPECIFIC PARAMETERS BE HIGHER THAN WHAT IS NOTED ABOVE, THE EOR SHALL BE CONTACTED TO PROVIDE A REVISED DESIGN.
3. FOUNDATIONS ARE DESIGNED BY OTHERS. FLOCK SAFETY SHALL PROVIDE THE CONTRACTOR WITH INSTALLATION SPECIFICATIONS AND GUIDELINES. CONTRACTOR IS RESPONSIBLE FOR VERIFYING SOIL CONDITIONS PRIOR TO INSTALLATION.

GENERAL & CONSTRUCTION NOTES

1. CONTRACTOR SHALL CONTACT DESIGNATED AGENCY TO LOCATE ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
2. CONTRACTOR SHALL APPLY AND OBTAIN AN APPROVED TRAFFIC CONTROL PLAN IN ACCORDANCE WITH MUTCD AND LOCAL JURISDICTION STANDARDS.
3. CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO ORIGINAL SITE CONDITION TO THE SATISFACTION OF STATE DEPARTMENT OF TRANSPORTATION AND LOCAL JURISDICTION.
4. ALL WORK SHALL CONFORM TO APPLICABLE ELECTRICAL CODES EXCEPT WHEN STATE DEPARTMENT OF TRANSPORTATION OR LOCAL JURISDICTION STANDARDS SUPERSEDE.
5. POLE AND PROPOSED EQUIPMENT SHALL BE CONNECTED TO SOLID BARE BOND GROUND AND GROUNDING ROD IN POLE FOUNDATION.
6. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH SPECIFICATIONS DEFINED BY THE STATE DEPARTMENT OF TRANSPORTATION OR LOCAL JURISDICTION, UNLESS SPECIFICALLY STATED OR SHOWN OTHERWISE HEREIN.

ADA COMPLIANCE NOTES

1. ALL SIDEWALK CONSTRUCTION SHALL BE IN ACCORDANCE WITH ADA TITLE II, STATE DEPARTMENT OF TRANSPORTATION, AND LOCAL JURISDICTION STANDARDS.
2. STATE DEPARTMENT OF TRANSPORTATION CURRENT EDITION STANDARDS SHALL BE USED FOR PEDESTRIAN CONTROL PLANS WHEN CLOSURE OF SIDEWALK IS REQUIRED FOR CONSTRUCTION.
3. MINIMUM CLEAR PEDESTRIAN ACCESS ROUTE (PAR) SHALL BE 48" WIDE.
4. NO OBSTRUCTION IS PERMITTED ALONG THE WIDTH OF THE SIDEWALK, UP TO AN ELEVATION OF 7'-0" ABOVE GRADE.



1 POLE ELEVATION DETAIL

SCALE: N/A

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LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: 294069
PERMITTING JURISDICTION:
CITY OF SANTA MARIA

COVER SHEET & LOCATION MAPS

SHEET:	REV:
SPEC.01	0

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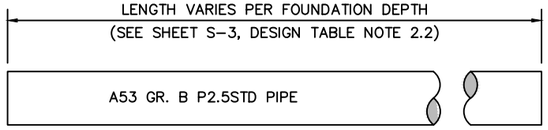
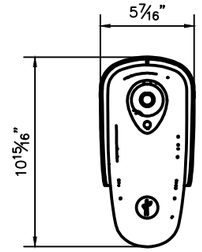
1



PIPE SHALL BE HOT DIP GALVANIZED

PIPE DETAIL

2



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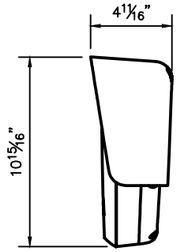
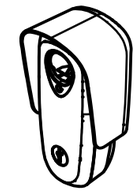


SIDE

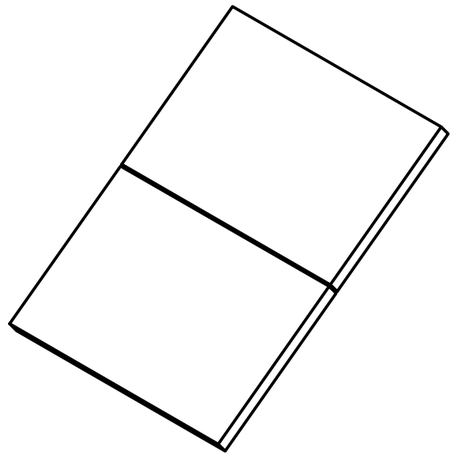


ISOMETRIC

FLOCK SAFETY "FALCON" CAMERA

MOUNTING HARDWARE TO BE PROVIDED BY FLOCK SAFETY

3



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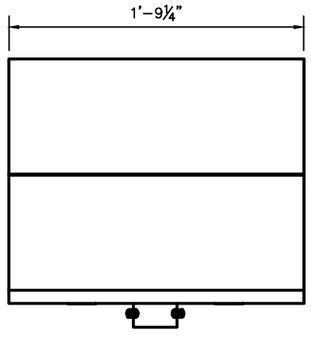

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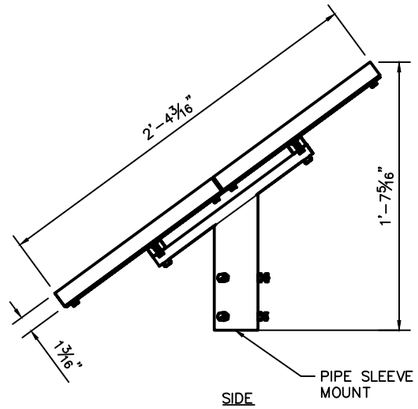
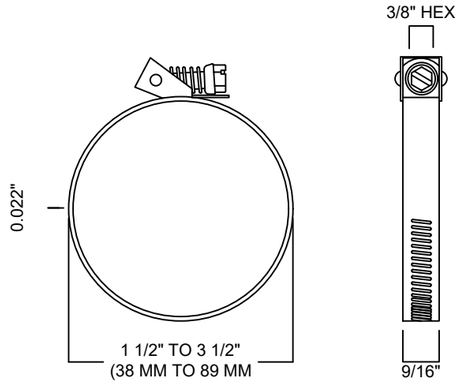


SIDE

MOUNTING HARDWARE TO BE PROVIDED BY FLOCK SAFETY

60 WATT SOLAR PANEL DETAIL (TOP MOUNTED)

4



MOUNTING HARDWARE TO BE PROVIDED BY FLOCK SAFETY

QUICK-RELEASE CLAMP FOR FIRM HOSE AND TUBE, 201 STAINLESS STEEL WITH 410 STAINLESS STEEL SCREW

5 NOT USED

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LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: 294069
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CITY OF SANTA MARIA

COVER SHEET & LOCATION MAPS

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GENERAL NOTES AND TRAFFIC DESIGN TABLES

1. TRAFFIC CONTROL PLAN SHALL CONFORM TO THE MOST CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (FHWA) AND STATE STANDARD PLANS.
2. ALL AFFECTED RESIDENTS, BUSINESSES, AGENCIES, AND SCHOOLS ACCESS SHALL BE MAINTAINED AT THE TIME OF INSTALLATION.
3. TEMPORARY NO PARKING SIGNS SHALL BE POSTED 48 HOURS PRIOR TO START OF WORK.
4. ALL CONFLICTING SIGNS, STRIPING OR PAVEMENT MARKINGS SHALL BE COVERED OR REMOVED AND REPLACED WHEN WORK IS COMPLETED.
5. TRAFFIC CONTROL THROUGH A SIGNALIZED INTERSECTION SHALL BE CONDUCTED BY A LOCAL JURISDICTION UNIFORMED POLICE OFFICER OR A COMMUNITY SERVICE OFFICER ONLY. SHOULD WORK REQUIRE A SIGNAL TO BE OVERRIDDEN, ARRANGEMENT SHALL BE MADE WITH THE POLICE DEPT WITHIN ITS JURISDICTION AND TRANSPORTATION ENGINEERING DEPT AT LEAST 14 DAYS PRIOR TO START OF WORK.

Table A - Recommended Advance Warning Sign Spacing

Posted Speed	Distance Between Signs **		
	A	B	C
Urban 25 mph or less***	100	100	100
Urban more than 25 mph to 40 mph***	250	250	250
Urban more than 40 mph***	350	350	350
Rural	500	500	500
Expressway/Freeway	1,000	1,500	2,640

** Distances are shown in feet. **The column headings A, B, and C are the dimensions shown on drawings No. 1-48.** The A dimension is the distance from the transition or point of restriction to the first sign. The B dimension is the distance between the first and second signs. The C dimension is the distance between the second and third signs. (The "first sign" is the sign in a three-sign series that is closest to the TTC zone. The third sign is one in a three sign series encountered by a driver/motorist approaching a TTC zone).

*** **Posted speed limit, off-peak 85th percentile speed prior to work starting, or the anticipated operating speed in mph.**

Table B - Taper Length Criteria for Temporary Traffic Control Zones

Type of Taper	Taper Length (L)
Merging Taper	at least L
Shifting Taper	at least 0.5L
Shoulder Taper	at least 0.33L
One-Lane, Two-Way Traffic Taper	50 feet minimum, 100 feet maximum
Downstream taper	50 feet min., 100 feet max. per lane

Table C - Formulas for Determining Taper Lengths

Speed Limit	Taper Length (L) Feet
40 mph or less	$L = WS^2/60$
45 mph or more	$L = WS$

Where: L = taper length in feet
W = width of offset feet
S = posted speed limit, or off peak 85th- percentile speed prior to work starting. Or the anticipated operating speed in mph

Table D – Longitudinal Buffer Space or Flagger Station Spacing on Downgrades

Speed (mph)	% Downgrade (Buffer Space)			
	Level Road 0% (ft)	-3% (ft)	-6% (ft)	-9% (ft)
20	115	116	120	126
25	155	158	165	173
30	200	205	215	227
35	250	257	271	287
40	305	315	333	354
45	360	378	400	427
50	425	446	474	507
55	495	520	553	593
60	570	598	638	686
65	645	682	728	785
70	730	771	825	891

Table E – Taper Length Criteria for Temporary Traffic Control Zones (for 12 feet Offset Width)

Speed* S (mph)	Minimum Taper Length ** For Width of Offset 12 ft (W)			
	Merging L (ft)	Shifting L/2 (ft)	Shoulder L/3 (ft)	Down Stream (ft) ***
20	80	40	27	50
25	125	63	42	50
30	180	90	60	50
35	245	123	82	50
40	320	160	107	50
45	540	270	180	50
50	600	300	200	50
55	660	330	220	50
60	720	360	240	50
65	780	390	260	50
70	840	420	280	50

* **Posted Speed, off peak 85th percentile speed prior to work starting, or the anticipated operating speed.**

** **For other offsets use the following merging taper length formula for L:**
For speeds of (40 mph) or less ($L=WS^2/60$)
For speeds of (45 mph) or more ($L=WS$)

*** **Maximum downstream taper length is 100 feet.**

Channelizing Devices

Channelizing devices (cones, tubular markers, channelizers (CA), portable delineators, barricades, longitudinal channelizing devices, drums or vertical panels) are elements in a total system of temporary traffic control for use during construction and maintenance operations. These elements shall be preceded by a subsystem of warning devices, adequate in size, number and placement for the type of roadway on which the work will take place. See CA MUTCD Figure 6F-7 and 6F-102(CA) for channelizing devices requirements (see page 23 and 24). All channelizing devices shall be crashworthy.

Channelizing devices can be used as follows:

1. To channel and/or divert traffic in advance of a temporary traffic control zone (work zone).
2. To define traffic lanes through the work zone.
3. To define a change in the position of the lanes around a work zone.
4. On detours to define curves and the edges of the roadway.
5. To separate opposing lanes of traffic.

Table F – Maximum Spacing of Channelizing Devices

Speed (mph)	Maximum Channelizer Spacing		
	Taper* (ft)	Tangent (ft)	Conflict** (ft)
20	20	40	10
25	25	50	12
30	30	60	15
35	35	70	17
40	40	80	20
45	45	90	22
50	50	100	25
55	55	110	27
60	60	120	30
65	65	130	32
70	70	140	35

* Maximum channelizer device spacing for all speeds on one-lane/two-way tapers is (20 ft). Maximum channelizer device spacing for all speeds on downstream tapers is (20 ft). All other tapers are as shown.

** Use on intermediate and short term projects for taper and tangent sections where there are no pavement markings or where there is a conflict between existing pavement markings and channelizers.

Note: A minimum 10-ft drivable lane width should be provided where possible.

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LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: 294069
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California Temporary Traffic Control Handbook (CATTCH) - QUICK REFERENCE TABLE

Minimum Taper length / Minimum # of Channelizer Devices (Cones, Tubular Markers, etc.)

Maximum Channelizer Spacing (FT.)	MPH	WIDTH OF LANE OFFSET IN FEET (Shift From Normal Lane Width Due To Work Zone)														Minimum # of Channelizing Devices Shown In White	Minimum Taper Length "L" Shown in Grey
		5	6	7	8	9	10	11	12	13	14	15	16	17	18		
20	20	33	40	47	53	60	67	73	80	87	93	100	107	113	120		
		3	3	4	4	4	5	5	5	6	6	6	7	7	7		
25	25	52	63	73	83	94	104	115	125	135	146	156	167	177	188		
		4	4	4	5	5	6	6	6	7	7	8	8	9	9		
30	30	75	90	105	120	135	150	165	180	195	210	225	240	255	270		
		4	4	5	5	6	6	7	7	8	8	9	9	10	10		
35	35	102	123	143	163	184	204	225	245	265	286	306	327	347	368		
		4	5	6	6	7	7	8	8	9	10	10	11	11	12		
40	40	133	160	187	213	240	267	293	320	347	373	400	427	453	480		
		5	5	6	7	7	8	9	9	10	11	11	12	13	13		
45	45	225	270	315	360	405	450	495	540	585	630	675	720	765	810		
		6	7	8	9	10	11	12	13	14	15	16	17	18	19		
50	50	250	300	350	400	450	500	550	600	650	700	750	800	850	900		
		6	7	8	9	10	11	12	13	14	15	16	17	18	19		
55	55	275	330	385	440	495	550	605	660	715	770	825	880	935	990		
		6	7	8	9	10	11	12	13	14	15	16	17	18	19		
60	60	300	360	420	480	540	600	660	720	780	840	900	960	1020	1080		
		6	7	8	9	10	11	12	13	14	15	16	17	18	19		
65	65	325	390	455	520	585	650	715	780	845	910	975	1040	1105	1170		
		6	7	8	9	10	11	12	13	14	15	16	17	18	19		

Temporary Traffic Control Elements (4 Zones):

1. **Advance Warning Area** - Traffic is informed of what to expect.
2. **Transition Area** - Where traffic is diverted out of it's normal path (See above chart)
3. **Activity Area** is where work takes place - Work Space/Traffic Space/Buffer Space
4. **Termination Area** - Where traffic is returned to normal driving path.

Table A: ADVANCE WARNING SIGN SPACING

Road Type	Distance Between Signs (ft)		
	A	B	C
Urban - 25 mph or less	100	100	100
Urban - 30 mph to 40 mph	250	250	250
Urban - more than 40 mph	350	350	350
Rural	500	500	500
Expressway/Freeway	1000	1500	2640

TTC Sign Recommendations:

45 mph or greater = 48" Sign
40 mph or less = 36" Sign

Table C: FOR LENGTHS NOT SHOWN ABOVE

L= (WxS^2) / 60 for 40 mph or less
L = WxS for 45 mph or more

L = Minimum Length of Taper (feet)
W = Width of Offset (feet)
S = Speed Limit (mph)

Table B: Taper Length Criteria for Temporary Traffic Control Zones

Type of Tapers:	*Taper Lengths:*
1. Merging Taper	L Minimum
2. Shifting Taper	1/2 L Minimum
3. Shoulder Taper	1/3 L Minimum
4. One-Lane, Two-Way Traffic Taper	50-ft Min/100-ft Max
5. Downstream Taper	50-ft Min/100-ft Max per lane

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SANTA MARIA POLICE DEPARTMENT

111 BETTERAVIA RD, SANTA MARIA, CA 93454

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
0	07/08/2023	DAW	PRELIM

I HEARBY CERTIFY THIS DOCUMENT WAS PREPARED BY MYSELF OR UNDER MY DIRECT SUPERVISION THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF CALIFORNIA.

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LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: 294069
PERMITTING JURISDICTION: CITY OF SANTA MARIA

COVER SHEET & LOCATION MAPS

SHEET:	REV:
TCP.02	0

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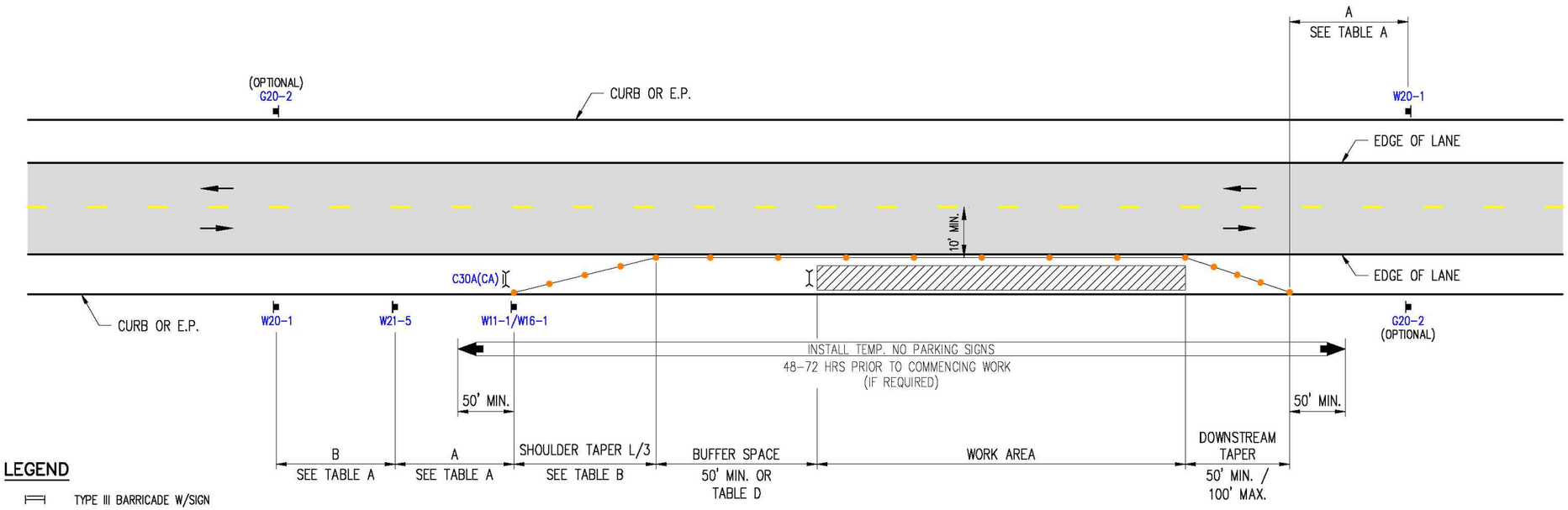
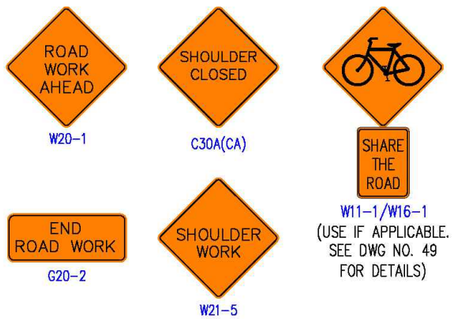


LEGEND

- TYPE III BARRICADE W/SIGN
- TYPE III BARRICADE W/O SIGN
- TYPE II BARRICADE W/SIGN
- TYPE II BARRICADE W/O SIGN
- CHANNELIZING DEVICE – **SEE TABLE F FOR SPACING**
- TRAFFIC CONE WITH CLIP ON SIGN
- SIGN
- (S) SIGNALIZED INTERSECTION
- [FAS] ARROW PANEL (FLASHING ARROW)
- HIGH LEVEL WARNING DEVICE (FLAGTREE) (OPTIONAL)
- FLAGGER
- TANS TOW AWAY NO STOPPING ___ TO ___ (SHOW HOURS)
- TANSAT TOW AWAY NO STOPPING ANY TIME
- WORK ZONE (ACTIVITY AREA) LIMITS
- DIRECTION OF TRAFFIC (NOT PAVEMENT MARKING)
- (A) ROADWAY DESIGNATION



NOTE: WORK GREATER THAN 15' FROM TRAVELED WAY DOES NOT REQUIRE TTC.

INDICATE NORTH WITH A "N" AND AN ARROW POINT
NOT TO SCALE

DATES OF TEMPORARY NO PARKING ZONE

WORKSITE TRAFFIC CONTROL PLAN
SHOULDER CLOSURE

DATE
SCALE: NONE
DRAWING NO. 10

REV. 3/26/2018 CJUTCW-DWG10.DWG

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SANTA MARIA POLICE DEPARTMENT

111 BETTERAVIA RD, SANTA MARIA, CA 93454

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

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LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: 294069
PERMITTING JURISDICTION:
CITY OF SANTA MARIA

COVER SHEET & LOCATION MAPS

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LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: 00356600

PERMITTING JURISDICTION:

CITY OF SANTA MARIA

STATE OF CALIFORNIA
CITY OF SANTA MARIA
ON BEHALF OF
HARDY DIAGNOSTICS

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CONTACT LIST

PERMITTING

DEREK PORCELLA
DEREK.PORCELLA@FLOCKSAFETY.COM

PROJECT MANAGER

HANNAH VALERIO
HANNAH.VALERIO@FLOCKSAFETY.COM

SEE APPROVED PERMIT FOR LISTED INSPECTOR

DRAWING INDEX

T.01	COVER SHEET & LOCATION MAPS
T.02	SYMBOLOGY & ABBREVIATIONS
GN.01 - GN.02	GENERAL NOTES
A.01 - A.02	PLAN DRAWINGS
SPEC.01 - SPEC.02	EQUIPMENT & FOUNDATION DETAILS
TCP.01 - TCP.03	TRAFFIC CONTROL DETAILS

811 Know what's **below.** **Call** before you dig.

HARDY DIAGNOSTICS

1430 W MCCOY LN SANTA MARIA CA 93455

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
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LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: 00356600
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CITY OF SANTA MARIA

COVER SHEET & LOCATION MAPS

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LINETYPES

- RIGHT OF WAY
- EDGE OF PAVEMENT
- SIDEWALK
- CENTERLINE
- GAS
- WATER
- TELEPHONE
- ELECTRIC
- SANITARY SEWER (SEW)
- STORM DRAIN
- FENCE
- CABLE TV
- STEAM
- OIL
- UNKNOWN UTILITY
- RAILROAD

SYMBOLOGY

- CAMERA - EXISTING
- CAMERA - PROPOSED
- AUDIO DETECTION - EXISTING
- AUDIO DETECTION - PROPOSED
- POLE - PROPOSED
- POLE - EXISTING
- HANDHOLE - EXISTING
- HANDHOLE - PROPOSED
- PEDESTAL - EXISTING
- MANHOLE - EXISTING
- POINT OF INTEREST
- ACCESS POINT
- CULVERT - EXISTING
- FIRE HYDRANT - EXISTING
- WATER MAIN - EXISTING
- WATER VALVE - EXISTING
- GAS VALVE - EXISTING
- DOWN GUY AND ANCHOR
- OVERHEAD GUY
- BORING REQUIRED
- UG CONDUIT - EXISTING

ABBREVIATIONS:

ABAND	Abandoned
APPROX	Approximate
ASPH	Asphalt
BLDG	Building
CL	Centerline
CMP	Corrugated Metal Pipe
CO	County
CONC	Concrete
CSG	Casing
CT	Count
CULV	Culvert
DB	Directional Bore
DBH	Diameter at Breast Height
D.D.	Down Drain
DEPT	Department
DIA	Diameter
DIR	Directional
DIST	District
DOC	Depth of Cover
DOT	Department of Transportation
DWG	Drawing
DWY	Driveway
E MH	Electric Manhole
E MKR	Electric Line Marker
E PED	Electric Pedestal
E VLT	Electric Vault
EM	Electric Meter
ENC	Encased
ENG	Engineering
EOP	Edge of Pavement
EPB	Electric Pull Box
EXIST	Existing
FDH	Fiber Distribution Hub
FDT	Fiber Distribution Terminal
FH	Fire Hydrant
FO	Fiber Optic
FO MH	Fiber Optic Manhole
FO MKR	Fiber Optic Line Marker
FO VLT	Fiber Optic Vault
FOC	Face of Curb
FS	Filter Sock
G MH	Gas Manhole
G MKR	Gas Line Marker
G SD	Grated Storm Drain
GALV	Galvanized
GEO SRV MKR	Geodetic Survey Marker
GM	Gas Meter
GV	Gas Valve
GWMW	Groundwater Monitoring Well
HDPE	High Density Polyethylene
HH	Handhole
HWY	Highway
I.P.	Inlet Protection
ILA	In Line Amplifier
INC	Incorporated
INT	Intermediate
L/A ROW	Limited Access Right of Way
LF	Linear Feet
LOC MKR	Locating Marker
LP	Light Pole
MAX	Maximum
MB	Mailbox
MH	Manhole
MIN	Minimum
MIT	Mitigation
MKR	Marker
MMV	Meet Me Vault
MON	Monument
MOT	Maintenance of Traffic
NO	Number
OC	Open Cut
PRK MTR	Parking Meter
P/L	Property Line
PED	Pedestal
PI	Point of Inflection
PKG	Package
PVC	Polyvinyl Chloride
RCB	Reinforced Concrete Box
RCP	Reinforced Concrete Pipe
RD MEM	Roadside Memorial
REQD	Required
RGS	Rigid Galvanized Steel
ROW	Right of Way
RR	Railroad
SCB	Sprinkler Control Box
SD	Storm Drain/Curb Inlet
SDMH	Storm Water Manhole
SEC.	Section
SF	Silt Fence
SMH	Sanitary Sewer Manhole
SPL	Splice
SS CO	Sanitary Sewer Clean Out
SS LIFT	Sanitary Sewer Lift Station
STA.	Station
STD	Standard
STR	Section Township Range
SWPPP	Storm Water Pollution Prevention Plan
T HH	Telecom Handhole
T MH	Telecom Manhole
T MKR	Telecom Line Marker
T PED	Telecom Pedestal
T VLT	Telecom Access Vault
T.P.	Trench Plug
TCB	Traffic Control Box
TCE	Temporary Construction Easement
TCV	Traffic Control Vault
TRF MH	Traffic Control Manhole
TSP	Traffic Signal Light
TYP	Typical
UG	Underground
UNK MH	Unknown Manhole
UNK PED	Unknown Pedestal
UNK UTL MKR	Unknown Utility Marker
UNK VLT	Unknown Vault
UTL LP	Utility Light Pole
UTL P	Utility Pole
VLT	Vault
VP	Gas Vent Pipe
W MH	Water Manhole
W MKR	Water Line Marker
W SPG	Water Spigot
W VLT	Water Vault
WM	Water Meter
WV	Water Valve

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HARDY DIAGNOSTICS

1430 W MCCOY LN SANTA MARIA CA 93455

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
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LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: 00356600
PERMITTING JURISDICTION:
CITY OF SANTA MARIA

COVER SHEET & LOCATION MAPS

SHEET:	REV:
T.02	0

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GENERAL & CONSTRUCTION NOTES

1. FLOCK SAFETY SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES 48 PRIOR TO CONSTRUCTION.

2. CONTRACTOR SHALL BE RESPONSIBLE TO APPLY AND OBTAIN AN APPROVED TRAFFIC CONTROL PLAN IN ACCORDANCE WITH MUTCD AND LOCAL STANDARDS AS REQUIRED.

3. CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE ALL DISTURBED AREAS TO ORIGINAL CONDITION TO STATE DEPARTMENT OF TRANSPORTATION AND LOCAL AGENCY SATISFACTION AT NO ADDITIONAL COMPENSATION.

4. ALL WORK SHALL CONFORM TO ALL APPLICABLE ELECTRICAL CODES EXCEPT WHEN SATE DEPARTMENT OF TRANSPORTATION AND LOCAL AGENCY STANDARDS SUPERSEDE.

5. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH STATE AND LOCAL AGENCY SPECIFICATIONS UNLESS SPECIFICALLY STATED OR SHOWN OTHERWISE HEREIN.

6. THE WORK INVOLVING INSTALLATION OF FLOCK SAFETY ALPR CAMERAS INVOLVING TEMPORARY LANE CLOSURES ARE TO BE DONE BETWEEN THE HOURS OF 8:00AM AND 5:00PM. MONDAY THROUGH FRIDAY UNLESS OTHERWISE STATED BY THE DEPARTMENT.

7. WHEN INSTALLING FLOCK SAFETY PROVIDED POLES, A MINIMUM OF 2' SEPARATION SHALL BE MAINTAINED FROM ALL EXISTING UTILITIES AND STORM DRAIN STRUCTURES.

8. IF THE PROPOSED UTILITY CANNOT BE INSTALLED PER THE APPROVED PERMITTED PLAN AND BY GENERAL SPECIFICATIONS, A REVISED PLAN MUST BE PROVIDED TO THE DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO THE INSTALLATION OF PRODUCTS OR MATERIALS AT THE GIVEN LOCATIONS WHERE CONFLICTS OCCUR.

9. NO PEDESTRIAN PATHWAY IS TO BE REMOVED, BLOCKED, OR DISTURBED WITHOUT HAVING A SUFFICIENT DESIGNATED TEMPORARY PEDESTRIAN PATHWAY WITH ALL APPROPRIATE PEDESTRIAN MAINTENANCE OF TRAFFIC SIGNS IN PLACE PRIOR TO PATHWAY BEING AFFECTED.

10. ALL TEMPORARY PEDESTRIAN PATHWAYS MUST BE FIRM AND UNYIELDING.

11. ANY SIDEWALK DISTURBED WILL BE REPLACED BY SECTION WITHIN 72 HOURS TO GENERAL SPECIFICATIONS.

12. THE GENERAL RETAINS THE RIGHT TO MAKE ALTERATIONS TO THE PERMIT, ATTACHED SKETCH OR CHARACTER OF WORK AS MAY BE CONSIDERED NECESSARY OR DESIRABLE DURING THE PROGRESS OF THE WORK FOR SATISFACTORY COMPLETION OF THE PROPOSED CONSTRUCTION.

13. THE PERMITTEE SHALL NOTIFY THE GENERAL OF DATE OF COMPLETION, REQUEST A FINAL INSPECTION AND A NOTICE OF FINAL ACCEPTANCE.

14. ALL CONSTRUCTION AND/OR MAINTENANCE ON THE GENERAL RIGHT OF WAY SHALL CONFORM TO THE FEDERAL MANUAL ON UNIFORM TRAFFIC DEVICES, THE GENERAL ROADWAY AND TRAFFIC DESIGN STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, PLANS PREPARATION MANUAL AND DRAINAGE MANUAL.

15. ANY SIDEWALK DAMAGED AS A RESULT OF WORK BEING PERFORMED IN ASSOCIATION WITH THE PERMITTEE AND CONTRACTOR SHALL BE REMOVED AND REPLACED.

16. THE CONTRACTOR SHALL HAVE AN AUTHORIZED PERSON AVAILABLE AT/OR NEAR THE WORK SITE ON A 24 HOUR BASIS, 7 DAYS A WEEK IN ORDER TO ADDRESS EMERGENCY ISSUES ASSOCIATED WITH THE PROJECT.

17. NO STOCKPILING, STORING OR SEMI PERMANENT USE OF THE RIGHT OF WAY IS AUTHORIZED UNLESS SPECIFICALLY IDENTIFIED WITHIN THE PERMIT.

18. NO WORK SHALL BE PERFORMED DURING ANY STATE OR FEDERAL HOLIDAYS UNLESS OTHERWISE APPROVED BY THE GENERAL.

19. THE PERMITTED WORK SCHEDULE IS DEFINED AS MONDAY THROUGH FRIDAY 8:00AM TO 5:00PM UNLESS OTHERWISE NOTED WITHIN THE PERMIT. ANY WORK DESIRED OUTSIDE OF THIS PERIOD MUST BE REQUESTED IN ADVANCE AND APPROVED BEFORE WORKING THE ALTERNATE SCHEDULE.

20. THE DEPARTMENT RESERVES THE RIGHT TO MAKE ADJUSTMENTS TO ANY PERMITTED METHODS OF INSTALLATION, SCOPE OF WORK AND RESTORATION THAT MAY BE REQUIRED TO POSITIVELY SUPPORT LIFE, SAFETY AND ENVIRONMENTAL WELL BEING OF ALL USERS OF THE TRANSPORTATION SYSTEM.

21. PERMITTEE SHALL NOT BEGIN ANY WORK ALONG GENERAL RIGHT-OF-WAY UNTIL THE INPECTION OF THE PERMIT ARE MET.

22. PRIOR TO CLOSING A LANE, THE PERMITTEE SHALL PROVIDE A SUTIABLE TRAFFIC CONTROL PLAN AS PER FEDERAL MANUAL TRAFFIC CONTROL STANDARDS DEPICTING ALL WORK BEING DONE. THE UTILITY OWNER IS NOT REQUIRED TO REPORT LANE CLOSURES FOR EMERGENCIES.

23. IT WILL BE THE RESPONSIBILITY OF THE PERMITTEE TO REPAIR ANY DAMAGE TO GENERAL FACILITIES AND/OR PRIVATE PROPERTY CAUSED BY CONSTRUCTION OF THE PROJECT.

DESIGN NOTES:

1. POLE AND FOUNDATION DESIGNED PER CURRENT STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORT FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS.

2. POLE DESIGN WIND SPEED IS 85 MPH, 110 MPH, 130 MPH, AND 150 MPH BASED ON A 300-YEAR MRI.

3. CONCRETE SHALL HAVE A MINIMUM 28-DAY DESIGN STRENGTH OF 3000 PSI, AND HAVE AT LEAST 505 POUNDS OF CEMENTITIOUS MATERIAL PER CUBIC YARD.

4. PROVIDE A FLAT BEARING SURFACE ON TOP SURFACE ON TOP SHAFT BELOW THE POLE BASE. SLOPE TOP SURFACE OF CONCRETE SHAFT OUTSIDE OF POLE BASE TO DRAIN AWAY FROM POLE.

5. DO NOT USE THIS DETAIL FOR SITES WHERE SOIL CONSISTS OF SOFT CLAY, PEAT OR ANY OTHER SOIL WHERE A SMALL DIAMETER REBAR (#5 OR SMALLER) OR METAL PROBE PENETRATES EASILY TO 6" OR MORE OF DEPTH WHEN THE FULL WEIGHT OF A PERSON IS APPLIED.

ADA COMPLIANCE NOTES:

1. ALL SIDEWALK CONSTRUCTION SHALL BE IN ACCORDANCE WITH ADA TITLE II AND ALL FEDERAL, STATE, AND LOCAL STANDARDS.

2. USE STANDARD WATCH MANUAL PLANS FOR PEDESTRIAN CONTROL PLANS FOR CLOSURE OF SIDEWALK.

3. MINIMUM SIDEWALK CLEAR PEDESTRIAN ACCESS ROUTE (PAR) IS 48" WIDE.

4. NO OBSTRUCTION IS PERMITTED ALONG THE WIDTH OF THE SIDEWALK UP TO 7'-0" IN HEIGHT.

COUNTY NOTES:

1. CURRENT A.D.A. STANDARDS SHALL BE UPHELD AT ALL TIMES.

2. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTY IN THE VICINITY OF THE CONSTRUCTION.

3. CONTRACTOR SHALL PROVIDE SAFE ACCESS PER CURRENT GENERAL STANDARDS FOR ALL PEDESTRIAN TRAFFIC REGULATIONS ON ALL EXCAVATIONS OPENED IN THE TRAFFIC ZONE CONTROL AREA.

4. CONTRACTOR SHALL RESTORE RIGHT-OF-WAY TO EQUAL OR BETTER CONDITION UPON COMPLETION OF WORK.

GENERAL NOTES:

1. ALL WORK PERFORMED WITHIN THE GENERAL RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE CURRENT GENERAL STANDARDS.

2. SHOULD A CONFLICT ARISE BETWEEN THE DETAILS SHOWN IN THE PLANS AND THE DEPARTMENT OF TRANSPORTATION STANDARDS, THE ENGINEER/PERMITTEE SHALL IMMEDIATELY CONFER WITH THE TRANSPORTATION STANDARDS, THE ENGINEER/PERMITTEE SHALL IMMEDIATELY CONFER WITH THE DEPARTMENT'S ENGINEER IN ORDER TO RESOLVE THE DISCREPANCY. IN NO CASE WILL ANYTHING LESS THAN THE DEPARTMENTS MINIMUM STANDARDS BE ALLOWED.

3. ALL TRAFFIC STRIPING AND MARKINGS ARE TO BE LEAD-FREE, NON-SOLVENT BASED THERMOPLASTIC.

4. ALL DISTURBED AREA WITHIN THE RIGHT-OF-WAY WILL BE RESTORED TO ORIGINAL OR BETTER CONDITION BY GRADING AND SODDING IN AREA DISTURBED.

5. BURNING OF ANY MATERIAL OR DEBRIS IS PROHIBITED IN GENERAL RIGHT-OF-WAY.

6. ALL LANES MUST BE OPENED FOR TRAFFIC DURING AN EVACUATION NOTICE OF A CATASTROPHIC EVENT AND SHALL REMAIN OPEN FOR THE DURATION OF THE EVACUATION OR EVENT.

7. THE CONTRACTOR SHALL NOTIFY JURISDICTION PRIOR TO BEGINNING ANY CONSTRUCTION WITHIN GENERAL RIGHT-OF-WAY AS PER ISSUED PERMIT.

8. ALL AREAS WITHIN GENERAL R/W DISTURBED BY CONSTRUCTION SHALL BE RE-GRADED AND SODDED WITH LIKE-KIND SOD WITHIN (7) DAYS.

1.0 SCOPE OF WORK

1.1 THIS PROJECT SHALL CONSIST OF THE FOLLOWING OPERATIONS:

THE WORK PACKAGE IS FOR THE INSTALLATION OF FLOCK SAFETY ALPR CAMERAS WHICH INCLUDES BUT IS NOT LIMITED TO: FLOCK SAFETY PROVIDED POLES, POLE MOUNTED SOLAR PANELS, AND EXTERNAL BATTERY PACKAGES.

2.0 DRAWINGS

2.1 THE WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE FOLLOWING ATTACHED DRAWINGS THAT ARE HEREBY MADE A PART OF THE STATEMENT OF WORK, BY THIS REFERENCE.

2.2 INSTALLER SHALL RECEIVE FLOCK SAFETY MATERIALS AT A FLOCK SAFETY LEASED WAREHOUSE FACILITY OR AT THE LOCAL TSO LOCATED AT (CONTACT 24 HOURS IN ADVANCE): 1170 HOWELL MILL RD NW, ATLANTA, GA 30318.

ALL UNUSED AND REQUESTED SALVAGED MATERIAL TO BE RETURNED TO SAME ADDRESS.

2.3 THE RECEIPT OF ALL MATERIALS SHALL BE CONSTRUED AS CONCLUSIVE EVIDENCE THAT THE INSTALLER HAS MADE ALL NECESSARY EXAMINATION AND INSPECTIONS, AND IS SATISFIED AS TO THE QUALITY AND QUANTITY OF MATERIALS RECEIVED.

2.4 ANY AND ALL MATERIALS THAT MAY BECOME LOST, STOLEN OR DAMAGED SHALL BE REPLACED BY THE INSTALLER AT HIS SOLE EXPENSE, AND ANY DELAY INCURRED SHALL NOT BE CAUSE FOR AN EXTENSION IN TIME.

2.5 ALL UNUSED MATERIALS SUPPLIED BY FLOCK SAFETY BUT NOT USED IN THE COMPLETION OF WORK SHALL BE RETURNED TO FLOCK SAFETY FOURTEEN (14) DAYS AFTER INSTALL COMPLETION. FLOCK SAFETY WILL ARRANGE FOR THE TRANSPORTATION OF THESE MATERIALS.

3.0 PERMITS

3.1 FLOCK SAFETY HAS OBTAINED OR WILL OBTAIN PERMITS FROM DEPARTMENTS AND/OR AGENCIES OF CITIES, COUNTIES, STATES, FEDERAL GOVERNMENT, RAILROAD OR OTHER ENTITIES, WHICH PROVIDE FOR THE PLACING OF PIPES AND/OR CABLE UNDER DITCH, TRACKS AND ROADS AND PLACING PIPES AND/OR CABLE ALONG AND WITHIN PUBLIC OR PRIVATE ROAD RIGHTS OF WAY AND RAILROAD RIGHTS.

3.2 CONTRACTOR SHALL OBTAIN ADDITIONAL PERMITS, IF REQUIRED, FOR EQUIPMENT ACCESS OR MOVEMENT ON PUBLIC ROADS AND RAILROADS. COPIES OF SUCH PERMITS SHALL BE FURNISHED TO FLOCK SAFETY.

3.3 ALL TRAFFIC CONTROL, IF APPLICABLE, SHALL BE IN ACCORDANCE WITH LOCAL, STATE, COUNTY, OR PERMITTING AGENCY LAWS, REGULATIONS, AND REQUIREMENTS, AND WILL BE THE INSTALLER'S RESPONSIBILITY. TRAFFIC CONTROL PLANS PROVIDED BY CURRENT GENERAL DESIGN STANDARDS.

4.0 SAFETY AND PRECAUTIONS

4.1 ALL PERSONNEL ARE REQUIRED TO ABIDE BY ALL RULES AND REGULATIONS SET FORTH IN THE FLOCK SAFETY REQUIREMENTS, RAILROAD SAFETY CODE AND GOVERNING JURISDICTION.

4.2 THE WORK UNDER THIS INSTALLATION WILL BE CONSTRUCTED ALONG RIGHTS OF WAY THAT MAY CONTAIN EXISTING AND OPERATIONAL UTILITIES. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR LOCATING EXISTING UTILITIES AND FOR COMPLIANCE WITH THE REQUIREMENTS OF ANY STATEWIDE AND/OR LOCAL AREA IN ADVANCE OF ANY EXCAVATION, BORING OR PLACING WORK AND THE CONTRACTOR SHALL LOCATE AND EXPOSE BY HAND ALL EXISTING SUBSURFACE PLANT. ANY DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT HIS SOLE EXPENSE AND ANY DELAY INCURRED SHALL NOT BE CAUSE FOR AN EXTENSION IN THE TIME OF THE CONTRACT.

4.3 INSTALLER SHALL BE RESPONSIBLE FOR THE PROTECTION AND MAINTENANCE OF PUBLIC AND PRIVATE PROPERTIES. INSTALLER SHALL PROTECT, SHORE, BRACE, SUPPORT AND MAINTAIN ALL UNDERGROUND PIPES, CONDUITS, DRAINS AND OTHER SUBSURFACE STRUCTURES UNCOVERED OR OTHERWISE AFFECTED BY THE WORK.

4.4 INSTALLER SHALL BE RESPONSIBLE FOR ALL DAMAGE TO STREETS, ROADS, HIGHWAYS, SHOULDERS, DITCHES, EMBANKMENTS, CULVERTS, BRIDGES OR OTHER PUBLIC OR PRIVATE PROPERTY OR FACILITY, REGARDLESS OF LOCATION OR CHARACTER, WHICH MAY BE CAUSED BY THE WORK, OR BY MOVING, HAULING, OR OTHERWISE TRANSPORTING EQUIPMENT, MATERIALS OR WORKERS TO OR FROM WORK OR ANY SITE THEREOF, WHETHER BY THE CONTRACTOR OR SUBCONTRACTORS.

4.5 DURING ALL PHASES OF CONSTRUCTION, THE INSTALLER SHALL MAINTAIN WORK AREAS IN A NEAT AND ORDERLY MANNER. CONSTRUCTION EQUIPMENT, MATERIAL AND SUPPLIES THAT ARE STORED ON THE RIGHT OF WAY SHALL NOT RESTRICT ACCESS TO SUCH RIGHT OF WAY OR THE RIGHT OF WAY ITSELF.

5.0 SECURITY

5.1 INSTALLER IS RESPONSIBLE FOR ALL SECURITY REQUIRED TO PROTECT HIS WAREHOUSE, LAYDOWN, AND STAGING AREA AND THE USE OF OUTSIDE PLANT WORK. SECURITY SHALL ALSO INCLUDE TRAFFIC CONTROL WHERE REQUIRED INCLUDING THE USE OF OFF DUTY POLICE OFFICERS.

6.0 STAKING AND SCHEDULING

6.1 ALL STAKING WILL BE PROVIDED BY FLOCK SAFETY. REQUIRED RIGHT OF WAY CLEARING SHALL BE COMPLETED PRIOR TO STAKING: THEREFORE, THE INSTALLER SHALL COORDINATE ALL CLEARING AND PLACING OPERATIONS WITH THE FLOCK SAFETY PROJECT SUPERVISOR TO AVOID DELAYS AND INTERFERENCE.

6.2 FLOCK SAFETY WILL PROVIDE RAILROAD, FLAGMEN AND SIGNALMEN AS REQUIRED; HOWEVER, THE CONTRACTOR SHALL BE REQUIRED TO COORDINATE ITS NEEDS FOR SUCH SIGNALMEN AND FLAGMEN WITH FLOCK SAFETY.

6.3 IN ADDITION TO THE SCHEDULING REQUIREMENTS IN THE GENERAL PROVISIONS, UPON REQUEST THE CONTRACTOR SHALL ALSO SUBMIT TO THE FLOCK SAFETY PROJECT SUPERVISOR, DAILY CREW ASSIGNMENT REPORTS SPECIFYING CREW AND CREW COMPOSITION AND WORK LOCATION.

7.0 SPECIAL CONSIDERATIONS

7.1 IN THE EVENT OF HIRING A CONTRATOR; DURING THE BIDDING PROCESS THE CONTRACTOR SHOULD CONSIDER THE FOLLOWING ITEMS:

7.1.1 ALL WASTE AND/OR ABANDONED MATERIALS TO BE REMOVED SHALL BE DISPOSED OF AT A "RECOGNIZED DUMP FACILITY" IN THE AREA AS DESIGNATED BY THE LOCAL GOVERNING AUTHORITY.

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HARDY DIAGNOSTICS

1430 W MCCOY LN SANTA MARIA CA 93455

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
0	06/21/2023	KO	PRELIM

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LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: 00356600
PERMITTING JURISDICTION:
CITY OF SANTA MARIA

COVER SHEET & LOCATION MAPS

SHEET:	REV:
GN.01	0

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LOCATION DATA

Sheet	Name	Latitude	Longitude	Nearest Address
A.01	#01 McCoy Ln @ A St - WB	34.91605421	-120.463238	1450 W McCoy Ln ste b, Santa Maria, CA 93455, USA
A.02	#02 McCoy Ln @ Thompson Way - EB	34.91667888	-120.4558412	1233 W McCoy Ln, Santa Maria, CA 93455, USA

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HARDY DIAGNOSTICS

1430 W MCCOY LN SANTA
MARIA CA 93455

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

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CASE NUMBER: 00356600
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PROPOSED FLOCK EQUIPMENT ON EXISTING STREETLIGHT POLE

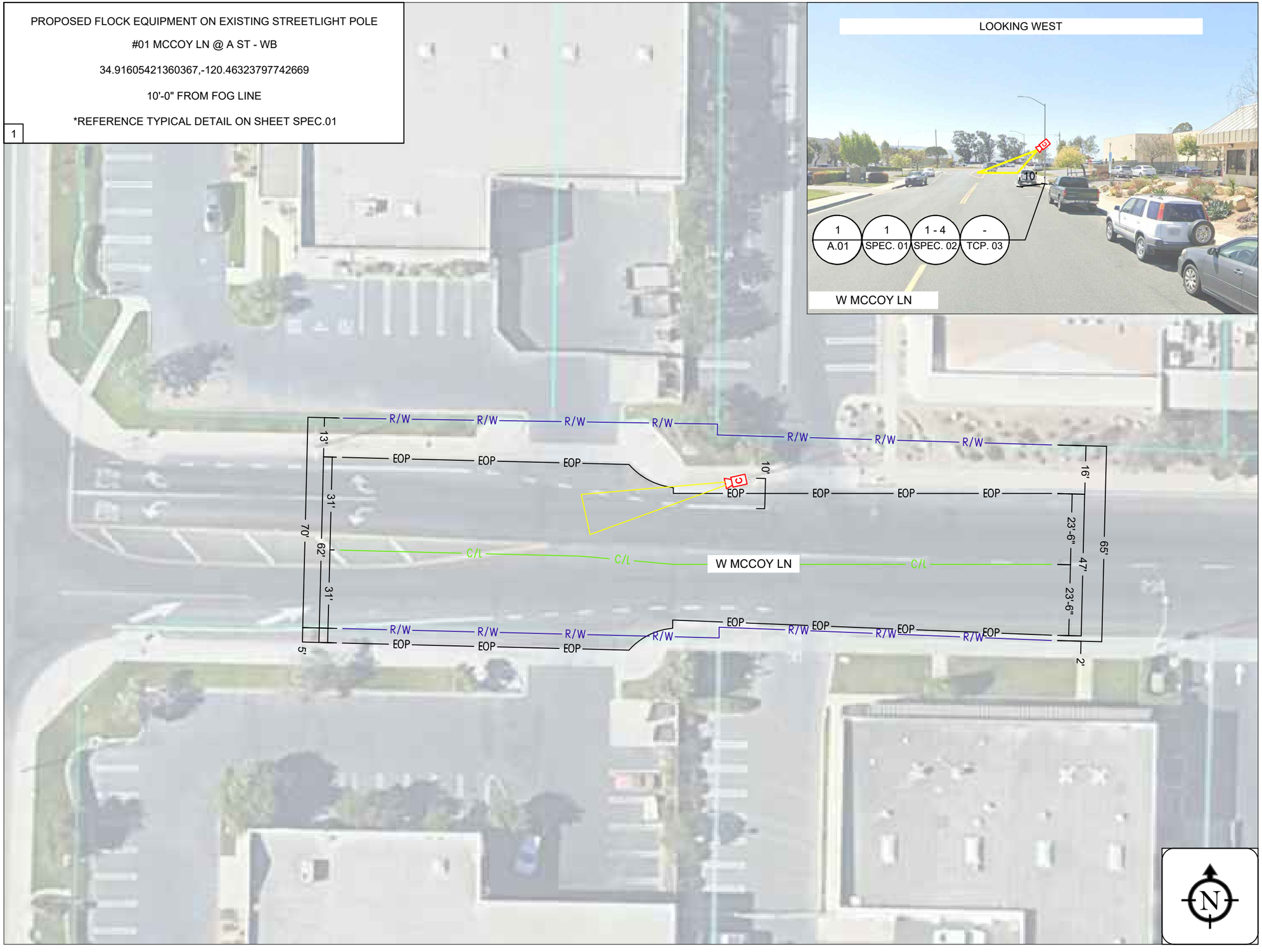
#01 MCCOY LN @ A ST - WB

34.91605421360367,-120.46323797742669

10'-0" FROM FOG LINE

*REFERENCE TYPICAL DETAIL ON SHEET SPEC.01

1



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HARDY DIAGNOSTICS

1430 W MCCOY LN SANTA MARIA CA 93455

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
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LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: 00356600
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SHEET:	REV:
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PROPOSED FLOCK EQUIPMENT ON EXISTING STREETLIGHT POLE

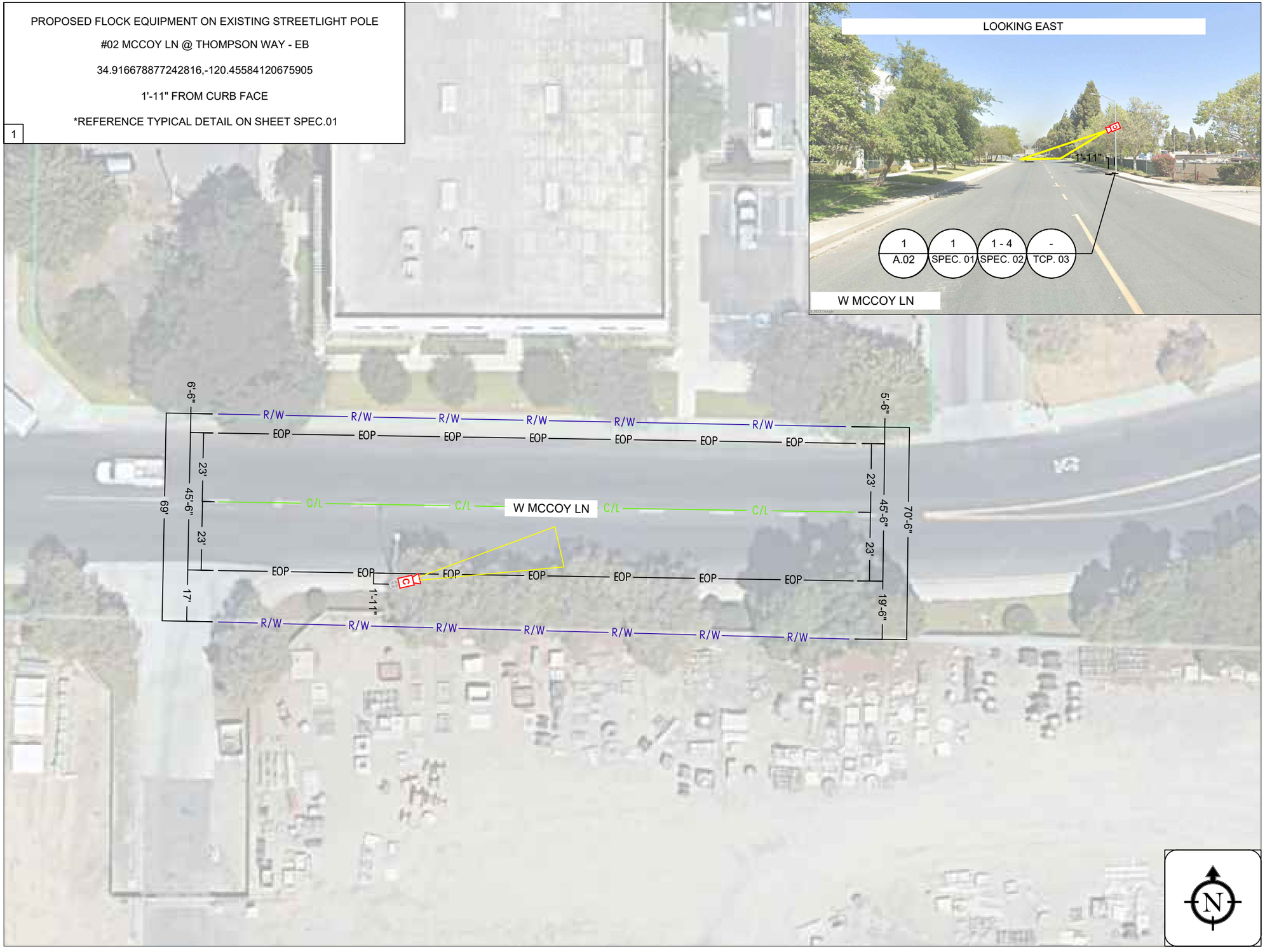
#02 MCCOY LN @ THOMPSON WAY - EB

34.916678877242816,-120.45584120675905

1'-11" FROM CURB FACE

*REFERENCE TYPICAL DETAIL ON SHEET SPEC.01

1



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HARDY DIAGNOSTICS

1430 W MCCOY LN SANTA MARIA CA 93455

flock safety

1170 HOWELL MILL ROAD SUITE 210
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LICENSE PLATE READER CAMERA INSTALLATION

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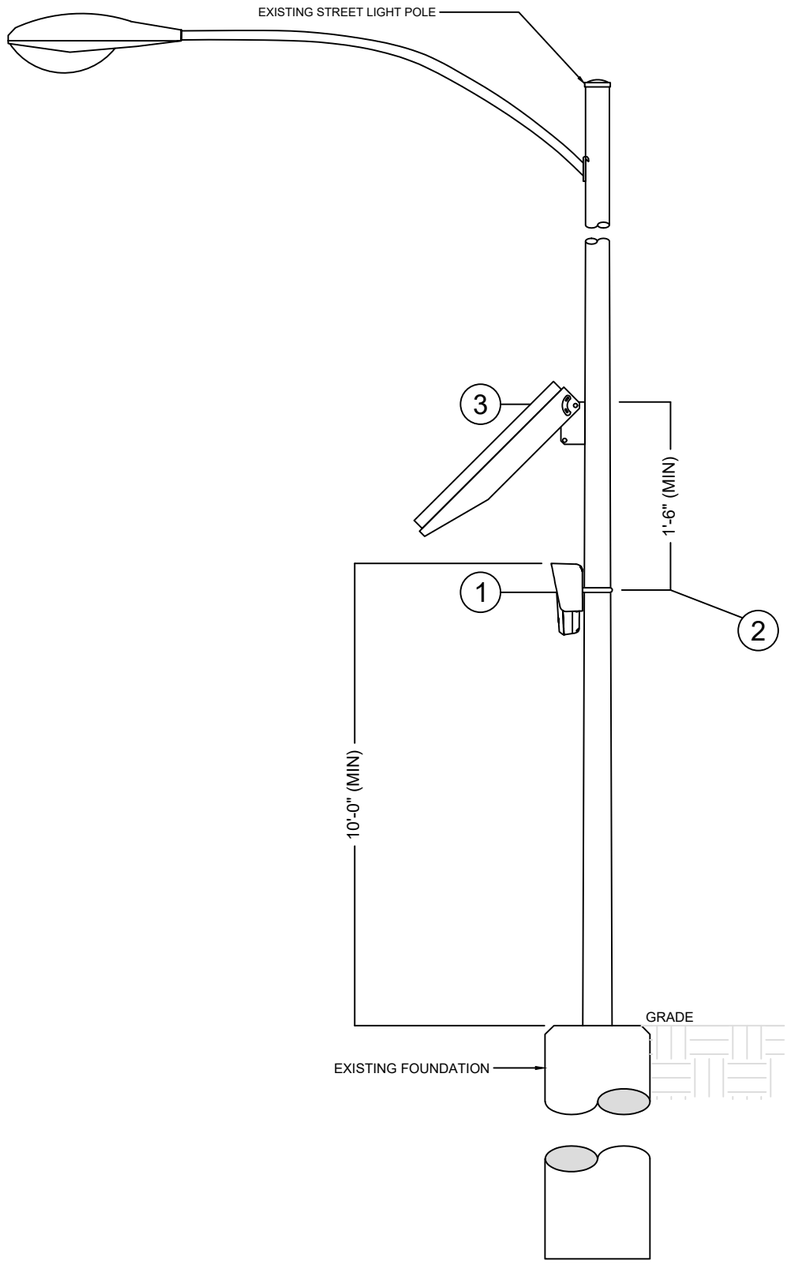
GENERAL & CONSTRUCTION NOTES

1. CONTRACTOR SHALL APPLY AND OBTAIN AN APPROVED TRAFFIC CONTROL PLAN IN ACCORDANCE WITH MUTCD AND LOCAL JURISDICTION STANDARDS.
2. CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO ORIGINAL SITE CONDITION TO THE SATISFACTION OF STATE DEPARTMENT OF TRANSPORTATION AND LOCAL JURISDICTION.
3. ALL WORK SHALL CONFORM TO APPLICABLE ELECTRICAL CODES EXCEPT WHEN STATE DEPARTMENT OF TRANSPORTATION OR LOCAL JURISDICTION STANDARDS SUPERSEDE.
4. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH SPECIFICATIONS DEFINED BY THE STATE DEPARTMENT OF TRANSPORTATION OR LOCAL JURISDICTION, UNLESS SPECIFICALLY STATED OR SHOWN OTHERWISE HEREIN.

ADA COMPLIANCE NOTES

1. ALL SIDEWALK CONSTRUCTION SHALL BE IN ACCORDANCE WITH ADA TITLE II, STATE DEPARTMENT OF TRANSPORTATION, AND LOCAL JURISDICTION STANDARDS,
2. STATE DEPARTMENT OF TRANSPORTATION CURRENT EDITION STANDARDS SHALL BE USED FOR PEDESTRIAN CONTROL PLANS WHEN CLOSURE OF SIDEWALK IS REQUIRED FOR CONSTRUCTION.
3. MINIMUM CLEAR PEDESTRIAN ACCESS ROUTE (PAR) SHALL BE 48" WIDE.
4. NO OBSTRUCTION IS PERMITTED ALONG THE WIDTH OF THE SIDEWALK. UP TO AN ELEVATION OD 7'-0" ABOVE GRADE.

ITEM NO.	PART NUMBER	DESCRIPTION	TOTAL WEIGHT (LB)	QTY.
1	701-0059	FLOCK SAFETY CAMERA	3.6	1
2	201-00087	MOUNTING CLAMP	2.0	1
3	205-00010	60W SOLAR KIT	17.0	1



1 POLE ELEVATION DETAIL

SCALE: N/A

NOTE:
DRAWINGS BASED ON TYPICAL STREET LIGHT

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HARDY DIAGNOSTICS

1430 W MCCOY LN SANTA MARIA CA 93455

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

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LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: 00356600
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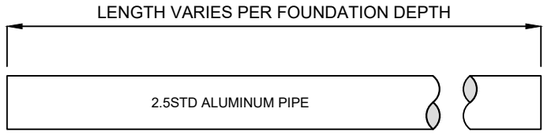
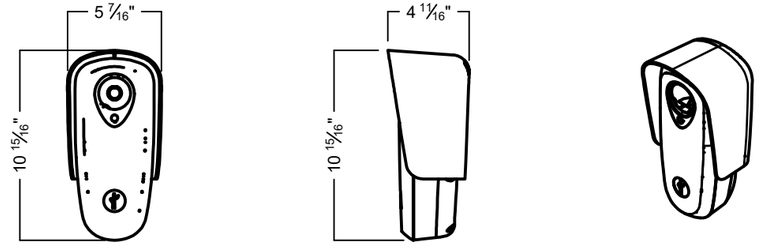
1



PIPE DETAIL

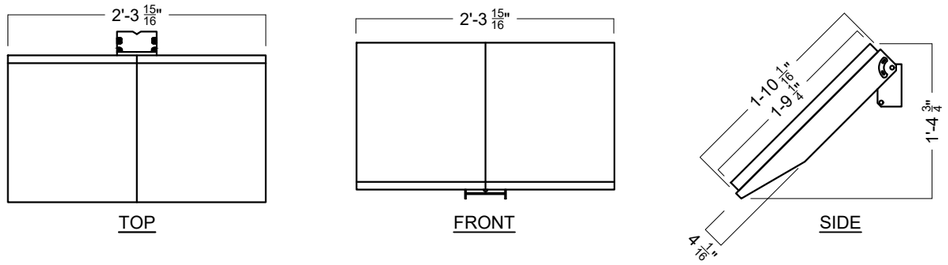
2



FLOCK SAFETY "FALCON" CAMERA

MOUNTING HARDWARE TO BE PROVIDED BY FLOCK SAFETY

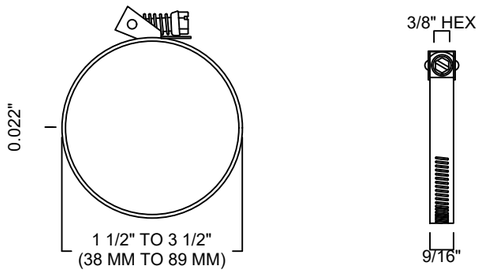
3



60 WATT SOLAR PANEL DETAIL (SIDE MOUNTED)

MOUNTING HARDWARE TO BE PROVIDED BY FLOCK SAFETY

4



MCMASTER-CARR QUICK-RELEASE CLAMP FOR FIRM HOSE AND TUBE,
201 STAINLESS STEEL WITH 410 STAINLESS STEEL SCREW
PART NUMBER: 5322K58

MOUNTING CLAMP

MOUNTING HARDWARE TO BE PROVIDED BY FLOCK SAFETY

5 NOT USED

6 NOT USED

7 NOT USED

8 NOT USED

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HARDY DIAGNOSTICS

1430 W MCCOY LN SANTA
MARIA CA 93455

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

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LICENSE PLATE READER CAMERA INSTALLATION

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GENERAL NOTES AND TRAFFIC DESIGN TABLES

1. TRAFFIC CONTROL PLAN SHALL CONFORM TO THE MOST CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (FHWA) AND STATE STANDARD PLANS.
2. ALL AFFECTED RESIDENTS, BUSINESSES, AGENCIES, AND SCHOOLS ACCESS SHALL BE MAINTAINED AT THE TIME OF INSTALLATION.
3. TEMPORARY NO PARKING SIGNS SHALL BE POSTED 48 HOURS PRIOR TO START OF WORK.
4. ALL CONFLICTING SIGNS, STRIPING OR PAVEMENT MARKINGS SHALL BE COVERED OR REMOVED AND REPLACED WHEN WORK IS COMPLETED.
5. TRAFFIC CONTROL THROUGH A SIGNALIZED INTERSECTION SHALL BE CONDUCTED BY A LOCAL JURISDICTION UNIFORMED POLICE OFFICER OR A COMMUNITY SERVICE OFFICER ONLY. SHOULD WORK REQUIRE A SIGNAL TO BE OVERRIDDEN, ARRANGEMENT SHALL BE MADE WITH THE POLICE DEPT WITHIN ITS JURISDICTION AND TRANSPORTATION ENGINEERING DEPT AT LEAST 14 DAYS PRIOR TO START OF WORK.

Table A - Recommended Advance Warning Sign Spacing

Posted Speed	Distance Between Signs **		
	A	B	C
Urban 25 mph or less***	100	100	100
Urban more than 25 mph to 40 mph***	250	250	250
Urban more than 40 mph***	350	350	350
Rural	500	500	500
Expressway/Freeway	1,000	1,500	2,640

** Distances are shown in feet. **The column headings A, B, and C are the dimensions shown on drawings No. 1-48.** The A dimension is the distance from the transition or point of restriction to the first sign. The B dimension is the distance between the first and second signs. The C dimension is the distance between the second and third signs. (The "first sign" is the sign in a three-sign series that is closest to the TTC zone. The third sign is one in a three sign series encountered by a driver/motorist approaching a TTC zone).

***** Posted speed limit, off-peak 85th percentile speed prior to work starting, or the anticipated operating speed in mph.**

Table B - Taper Length Criteria for Temporary Traffic Control Zones

Type of Taper	Taper Length (L)
Merging Taper	at least L
Shifting Taper	at least 0.5L
Shoulder Taper	at least 0.33L
One-Lane, Two-Way Traffic Taper	50 feet minimum, 100 feet maximum
Downstream taper	50 feet min., 100 feet max. per lane

Table C - Formulas for Determining Taper Lengths

Speed Limit	Taper Length (L) Feet
40 mph or less	$L = WS^2/60$
45 mph or more	$L = WS$

Where: L = taper length in feet
W = width of offset feet
S = posted speed limit, or off peak 85th- percentile speed prior to work starting. Or the anticipated operating speed in mph

Table D – Longitudinal Buffer Space or Flagger Station Spacing on Downgrades

Speed (mph)	% Downgrade (Buffer Space)			
	Level Road 0% (ft)	-3% (ft)	-6% (ft)	-9% (ft)
20	115	116	120	126
25	155	158	165	173
30	200	205	215	227
35	250	257	271	287
40	305	315	333	354
45	360	378	400	427
50	425	446	474	507
55	495	520	553	593
60	570	598	638	686
65	645	682	728	785
70	730	771	825	891

Table E – Taper Length Criteria for Temporary Traffic Control Zones (for 12 feet Offset Width)

Speed* S (mph)	Minimum Taper Length ** For Width of Offset 12 ft (W)			
	Merging L (ft)	Shifting L/2 (ft)	Shoulder L/3 (ft)	Down Stream (ft) ***
20	80	40	27	50
25	125	63	42	50
30	180	90	60	50
35	245	123	82	50
40	320	160	107	50
45	540	270	180	50
50	600	300	200	50
55	660	330	220	50
60	720	360	240	50
65	780	390	260	50
70	840	420	280	50

* **Posted Speed, off peak 85th percentile speed prior to work starting, or the anticipated operating speed.**

** **For other offsets use the following merging taper length formula for L:**
For speeds of (40 mph) or less ($L=WS^2/60$)
For speeds of (45 mph) or more ($L=WS$)

*** **Maximum downstream taper length is 100 feet.**

Channelizing Devices

Channelizing devices (cones, tubular markers, channelizers (CA), portable delineators, barricades, longitudinal channelizing devices, drums or vertical panels) are elements in a total system of temporary traffic control for use during construction and maintenance operations. These elements shall be preceded by a subsystem of warning devices, adequate in size, number and placement for the type of roadway on which the work will take place. See CA MUTCD Figure 6F-7 and 6F-102(CA) for channelizing devices requirements (see page 23 and 24). All channelizing devices shall be crashworthy.

Channelizing devices can be used as follows:

1. To channel and/or divert traffic in advance of a temporary traffic control zone (work zone).
2. To define traffic lanes through the work zone.
3. To define a change in the position of the lanes around a work zone.
4. On detours to define curves and the edges of the roadway.
5. To separate opposing lanes of traffic.

Table F – Maximum Spacing of Channelizing Devices

Speed (mph)	Maximum Channelizer Spacing		
	Taper* (ft)	Tangent (ft)	Conflict** (ft)
20	20	40	10
25	25	50	12
30	30	60	15
35	35	70	17
40	40	80	20
45	45	90	22
50	50	100	25
55	55	110	27
60	60	120	30
65	65	130	32
70	70	140	35

* Maximum channelizer device spacing for all speeds on one-lane/two-way tapers is (20 ft). Maximum channelizer device spacing for all speeds on downstream tapers is (20 ft). All other tapers are as shown.

** Use on intermediate and short term projects for taper and tangent sections where there are no pavement markings or where there is a conflict between existing pavement markings and channelizers.

Note: A minimum 10-ft drivable lane width should be provided where possible.

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HARDY DIAGNOSTICS

1430 W MCCOY LN SANTA MARIA CA 93455

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
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LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: 00356600
PERMITTING JURISDICTION:
CITY OF SANTA MARIA

COVER SHEET & LOCATION MAPS

SHEET:	REV:
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California Temporary Traffic Control Handbook (CATTCH) - QUICK REFERENCE TABLE

Minimum Taper length / Minimum # of Channelizer Devices (Cones, Tubular Markers, etc.)

Maximum Channelizer Spacing (FT.)	MPH	WIDTH OF LANE OFFSET IN FEET (Shift From Normal Lane Width Due To Work Zone)														Minimum # of Channelizing Devices Shown In White	Minimum Taper Length "L" Shown in Grey
		5	6	7	8	9	10	11	12	13	14	15	16	17	18		
20	20	33	40	47	53	60	67	73	80	87	93	100	107	113	120		
		3	3	4	4	4	5	5	5	6	6	6	7	7	7		
25	25	52	63	73	83	94	104	115	125	135	146	156	167	177	188		
		4	4	4	5	5	6	6	6	7	7	8	8	9	9		
30	30	75	90	105	120	135	150	165	180	195	210	225	240	255	270		
		4	4	5	5	6	6	7	7	8	8	9	9	10	10		
35	35	102	123	143	163	184	204	225	245	265	286	306	327	347	368		
		4	5	6	6	7	7	8	8	9	10	10	11	11	12		
40	40	133	160	187	213	240	267	293	320	347	373	400	427	453	480		
		5	5	6	7	7	8	9	9	10	11	11	12	13	13		
45	45	225	270	315	360	405	450	495	540	585	630	675	720	765	810		
		6	7	8	9	10	11	12	13	14	15	16	17	18	19		
50	50	250	300	350	400	450	500	550	600	650	700	750	800	850	900		
		6	7	8	9	10	11	12	13	14	15	16	17	18	19		
55	55	275	330	385	440	495	550	605	660	715	770	825	880	935	990		
		6	7	8	9	10	11	12	13	14	15	16	17	18	19		
60	60	300	360	420	480	540	600	660	720	780	840	900	960	1020	1080		
		6	7	8	9	10	11	12	13	14	15	16	17	18	19		
65	65	325	390	455	520	585	650	715	780	845	910	975	1040	1105	1170		
		6	7	8	9	10	11	12	13	14	15	16	17	18	19		

Temporary Traffic Control Elements (4 Zones):

1. **Advance Warning Area** - Traffic is informed of what to expect.
2. **Transition Area** - Where traffic is diverted out of it's normal path (See above chart)
3. **Activity Area** is where work takes place - Work Space/Traffic Space/Buffer Space
4. **Termination Area** - Where traffic is returned to normal driving path.

Table A: ADVANCE WARNING SIGN SPACING

Road Type	Distance Between Signs (ft)		
	A	B	C
Urban - 25 mph or less	100	100	100
Urban - 30 mph to 40 mph	250	250	250
Urban - more than 40 mph	350	350	350
Rural	500	500	500
Expressway/Freeway	1000	1500	2640

TTC Sign Recommendations:

45 mph or greater = 48" Sign
40 mph or less = 36" Sign

Table C: FOR LENGTHS NOT SHOWN ABOVE

L= (WxS^2) / 60 for 40 mph or less
L = WxS for 45 mph or more

L = Minimum Length of Taper (feet)
W = Width of Offset (feet)
S = Speed Limit (mph)

Table B: Taper Length Criteria for Temporary Traffic Control Zones

Type of Tapers:	*Taper Lengths:*
1. Merging Taper	L Minimum
2. Shifting Taper	1/2 L Minimum
3. Shoulder Taper	1/3 L Minimum
4. One-Lane, Two-Way Traffic Taper	50-ft Min/100-ft Max
5. Downstream Taper	50-ft Min/100-ft Max per lane

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HARDY DIAGNOSTICS

1430 W MCCOY LN SANTA MARIA CA 93455

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
0	06/21/2023	KO	PRELIM

I HEARBY CERTIFY THIS DOCUMENT WAS PREPARED BY MYSELF OR UNDER MY DIRECT SUPERVISION THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF CALIFORNIA.

[THIS SPACE LEFT INTENTIONALLY BLANK FOR STAMP]

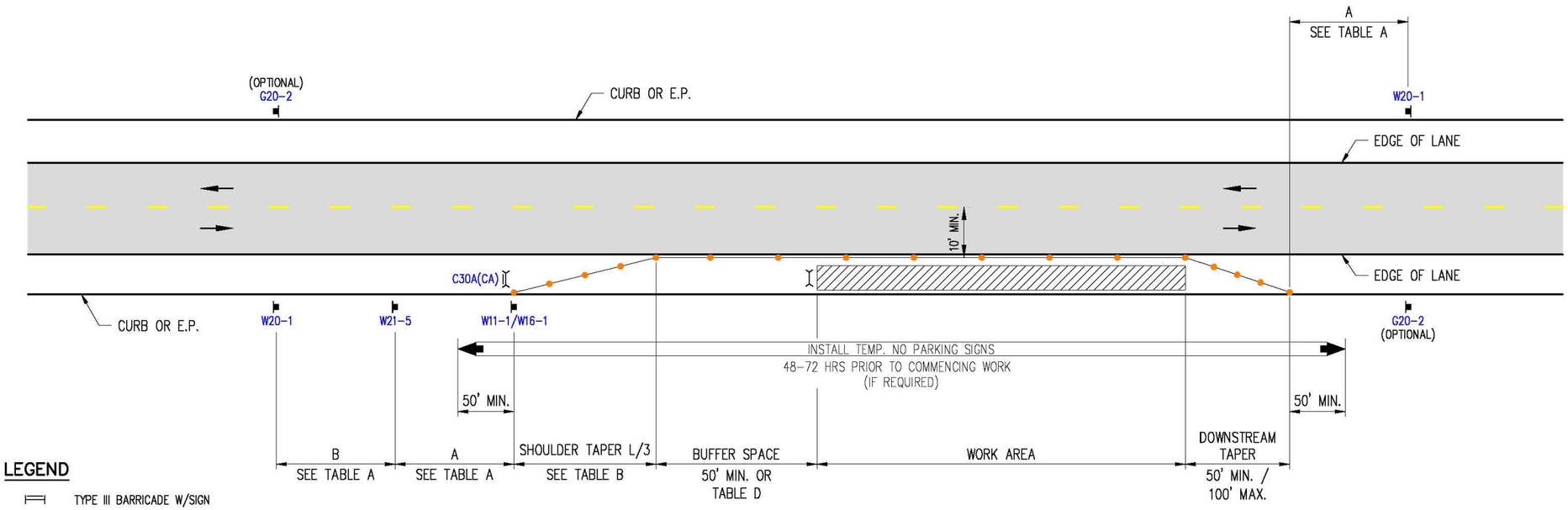
LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: 00356600
PERMITTING JURISDICTION:
CITY OF SANTA MARIA

COVER SHEET & LOCATION MAPS

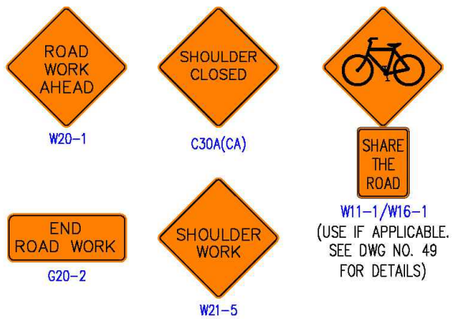
SHEET:	REV:
TCP.02	0

THIS DOCUMENT HAS BEEN DRAWN BASED OFF THE MOST RECENT AVAILABLE DATA & AERIAL IMAGERY. THIS INCLUDES RIGHT OF WAY, EXISTING UTILITIES, & PRIVATE PROPERTY LINES. IT REMAINS THE RESPONSIBILITY OF OTHERS TO VERIFY ALL DATA PRIOR AND EXISTING SURRONDING FACILITIES TO VERIFY & CONFLICTS ABOVE & BELOW GRADE. ALL CONSTRUCTION TO FOLLOW CITY OF SANTA MARIA GENERAL GUIDELINES. DO NOT SCALE DRAWINGS. CALL 811 PRIOR TO DIGGING.



LEGEND

- TYPE III BARRICADE W/SIGN
- TYPE III BARRICADE W/O SIGN
- TYPE II BARRICADE W/SIGN
- TYPE II BARRICADE W/O SIGN
- CHANNELIZING DEVICE – **SEE TABLE F FOR SPACING**
- TRAFFIC CONE WITH CLIP ON SIGN
- SIGN
- (S) SIGNALIZED INTERSECTION
- [FAS] ARROW PANEL (FLASHING ARROW)
- HIGH LEVEL WARNING DEVICE (FLAGTREE) (OPTIONAL)
- FLAGGER
- TANS TOW AWAY NO STOPPING ___ TO ___ (SHOW HOURS)
- TANSAT TOW AWAY NO STOPPING ANY TIME
- WORK ZONE (ACTIVITY AREA) LIMITS
- DIRECTION OF TRAFFIC (NOT PAVEMENT MARKING)
- (A) ROADWAY DESIGNATION



NOTE: WORK GREATER THAN 15' FROM TRAVELED WAY DOES NOT REQUIRE TTC.

INDICATE NORTH WITH A "N" AND AN ARROW POINT
NOT TO SCALE

DATES OF TEMPORARY NO PARKING ZONE

WORKSITE TRAFFIC CONTROL PLAN
SHOULDER CLOSURE

DATE
SCALE: NONE
DRAWING NO. 10

REV. 3/26/2018 CJUTCW-DWG10.DWG

[THIS SPACE LEFT INTENTIONALLY BLANK FOR STAMP]

HARDY DIAGNOSTICS

1430 W MCCOY LN SANTA
MARIA CA 93455

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
0	06/21/2023	KO	PRELIM

I HEARBY CERTIFY THIS DOCUMENT WAS PREPARED BY MYSELF OR UNDER MY DIRECT SUPERVISION THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF CALIFORNIA.

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LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: 00356600
PERMITTING JURISDICTION:
CITY OF SANTA MARIA

COVER SHEET & LOCATION MAPS

SHEET:	REV:
TCP.03	0

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PERMIT NO. ENC_____

CITY OF SANTA MARIA
DEPARTMENT OF PUBLIC WORKS

PUBLIC IMPROVEMENT/ENCROACHMENT PERMIT

1. JOB LOCATION: 223 E BETTERAVIA RD., SANTA MARIA, CA, 93454, USA

2. PERMITTEE: Flock Safety (on behalf of Santa Maria PD)

   ADDRESS: 1170 Howell Mill Rd. Ste 210. Atlanta, GA 30318 PHONE: (714) 865-4101

   E-MAIL: Permit@FlockSafety.com

3. CONTRACTOR: Flock Safety

   ADDRESS: 1170 Howell Mill Rd. Ste 210. Atlanta, GA 30318 PHONE: (714) 865-4101

4. JOB DESCRIPTION:

   Relocate existing ALPR camera 116 to a new location.

5. **TOTAL # OF WORKING DAYS:** 1 **(INCLUDING RESTORATION)**

PLANS/DRAWINGS ATTACHED: ☑ YES NO ☐

TRAFFIC CONTROL PLANS: ☑ YES NO ☐

X Jeremy Heusler
PERMITTEE SIGNATURE

Date: 10/18/2023

PERMITTEE TITLE: Permitting Associate

All applicable work necessary for the above job description shall be per the City Public Works Department's plans and specifications. Construction traffic controls shall comply with the State of California Traffic Manual, Chapter 5. All requests for inspection shall be made at least 24 hours in advance by telephoning the inspector on the encroachment permit. Inspections will be made Monday through Friday from 8:00 a.m. To 4:00 p.m.

6. COMMENTS:

BY: _____ DATE: _____

for BRETT FULGONI
DIRECTOR OF PUBLIC WORKS

EMERGENCIES

1. If public safety is in immediate danger, call SMPD / SMF Dispatch at (805) 925-0951 x2277 or call 911.
2. For emergency work to underground utilities, call Dig Alert / USA (811), then call a City Public Works Inspector. If not reached, leave a message. After the fact permits will be arranged. The City Public Works Inspector must be updated on all work progress during the emergency in order to determine whether inspection is required.
3. **Emergency work is defined as anything that USA / Dig Alert would consider emergency; work that cannot wait for the 48 notice that Dig Alert typically requires.**

NORMAL WORK

1. For non-emergency work, call Dig Alert / USA (811), then email (pw_encroachment_permits@cityofsantamaria.org)or call the Engineering Office (x2225) to arrange for encroachment permit. Based upon the type of work, send in Traffic and Pedestrian Control Plans (TCP's and any site/project plans) for all work performed in City ROW. TCPs shall comply with the California Manual on Uniform Traffic Control Devices (CA MUTCD), see: https://dot.ca.gov/programs/traffic-operations/camutcd.
2. Applicant must have a licensed and insured contractor in place to perform the work prior to application for permit. The permit application can be found online at: https://www.cityofsantamaria.org/city-government/departments/public-works-services/encroachment-permit
3. If a water shutdown is required, request and application must be submitted 5 business days prior to desired shutdown date. Shutdowns only occur Tuesdays through Thursdays unless an emergency has been approved by the Utilities Department.
4. Once the Engineering Permit Technician receives a complete application and approval on TCP's, a **DRAFT permit is issued** to applicant.
5. Applicant shall review DRAFT permit, provide signature and date, and send DRAFT permit to Engineering Permit Technician.
6. Fees are collected as necessary. No fee permits are only issued when work is done on behalf of City departments.
7. City issues signed permit that is pink in color. Permit copy shall always be on site with contractor performing work.
8. Contractor shall follow explicit instructions on permit including the arrangement for inspection and permission to start work **at least 24 hours prior to scheduled work**. Contact information for inspectors is on permit.
9. **REFERENCE PERMIT INSTRUCTIONS. If there are any questions, contact the Public Works Inspector or Engineering Office at (805) 925-0951 x2225.**
10. All asphalt and concrete removal limits shall be approved by the City prior to work. Replacement of materials shall be done per City standards specifications and drawings. Other areas impacted by road cuts may require replacement outside of trenching area at the discretion of Public Works Director or his/her designee.
11. Contractor is responsible for providing testing of backfill, concrete, AC, etc. as necessary to complete repair of City infrastructure in compliance with City standards.
12. Public Works Inspectors shall be contacted prior to and after each stage of work – utility repair or tie-in, setting of forms, backfill placement, compaction of backfill/subgrade, placement of AC or PCC, etc.
13. If roadway shows signs of failure at location of utility cut within 12 months of work being performed, then Permittee shall repair the work promptly at no cost to the City Public Works Department.
14. Roadway cuts will not be permitted on streets that have been repaved or surface treated in the previous 5-year period. Emergency work is the only exception to this unless approved by the City Engineer. The permit technicians have this information readily available.

CONTACT INFO - INSPECTORS		
Name	Phone	Email
Inspection Office	**805-925-0951 X2466**	**pw_inspections@cityofsantamaria.org**
Guillermo 'Willie' Aguilera	805-925-0951 X2466	gaguilera@cityofsantamaria.org
Paul Jacobs	805-925-0951 X2497	pjacobs@cityofsantamaria.org
Theodore 'Teddy' Wolff	805-925-0951 X2226	twolff@cityofsantamaria.org

CONTACT INFO - PERMITS		
Name	Phone	Email
Engineering Office	**805-925-0951 X2225**	**pw_encroachment_permitscityofsantamaria.org**
Esmeralda De Jesus	805-925-0951 X2478	edejesus@cityofsantamaria.org
Jolene Galaites	805-925-0951 X1292	jgalaites@cityofsantamaria,org
Luis Magallon	805-925-0951 X1742	lmagallon@cityofsantamaria,org
Mark Mueller	805-925-0951 X1667	mmueller@cityofsantamaria.org

CITY OF SANTA MARIA
PHYSICAL ADDRESS: 110 S. PINE STREET, STE. 221
MAILING ADDRESS: 110 S. PINE STREET, STE. 101
SANTA MARIA, CA 93458
TEL: (805) 925-0951, x2225

STATE OF CALIFORNIA
CITY OF SANTA MARIA
SUBMITTED BY SANTA MARIA POLICE DEPARTMENT
AUTOMATIC LICENSE PLATE READING (ALPR) CAMERA PERMIT

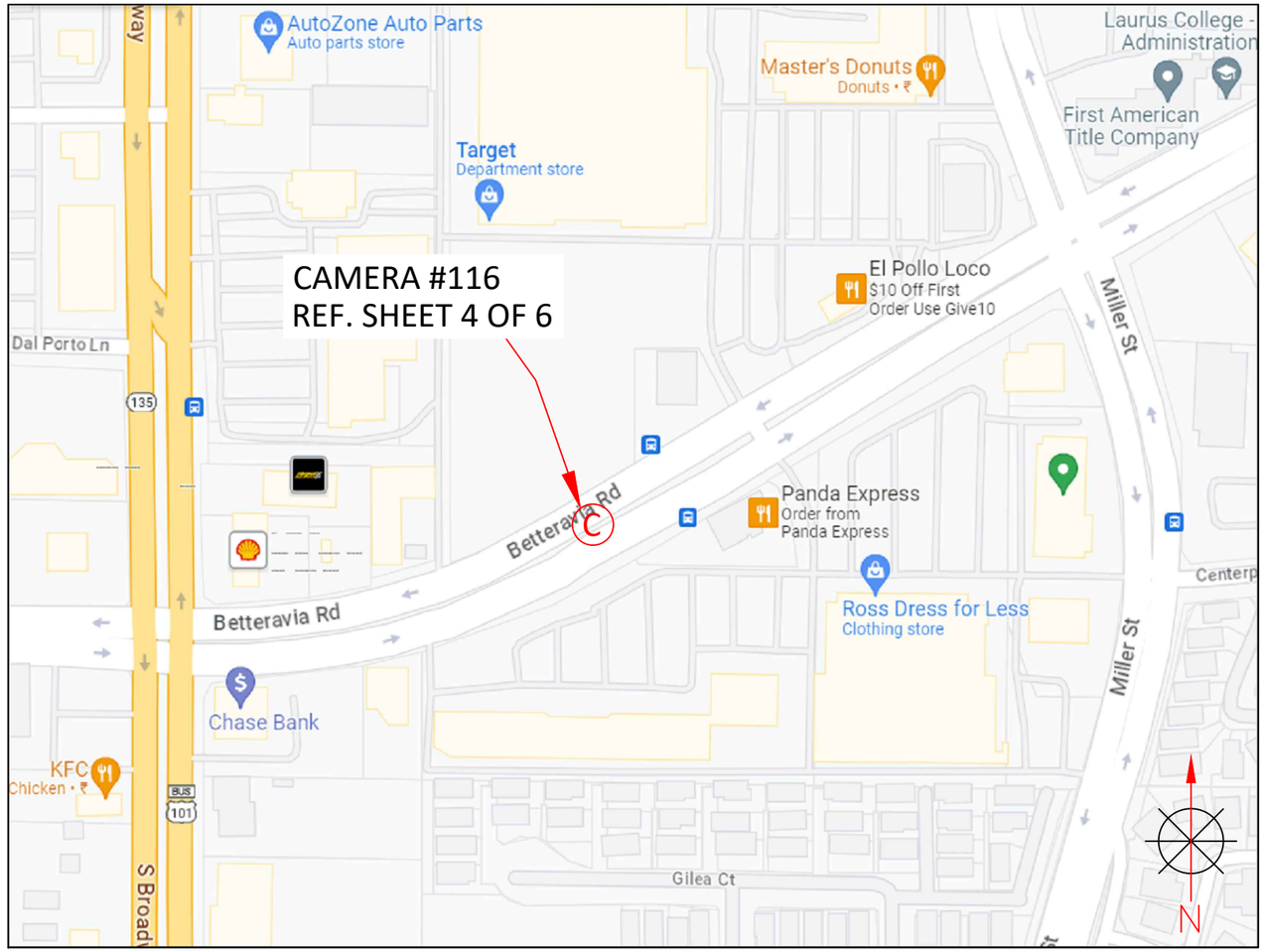
flock safety

INDEX OF DRAWING:

- SHEET 1 : COVER SHEET AND CAMERA LOCATION MAP
- SHEET 2 : GENERAL NOTES AND TRAFFIC DESIGN TABLES
- SHEET 3 : CAMERA LOCATION INFORMATION
- SHEET 4 : SITE PLAN
- SHEET 5 : TRAFFIC CONTROL PLAN
- SHEET 6 : POLE DETAILS

811 Know what's below. Call before you dig.

LOCATION / VICINITY MAP



flock safety	REV	DESCRIPTION	DATE	BY

TITLE: COVER SHEET AND CAMERA LOCATION MAP

SCOPE OF WORK: CITY OF SANTA MARIA, CA
ALPR CAMERA INSTALLATION

PLANS PREPARED BY:
CHC A CONGRUEX COMPANY
9095 Rio San Diego Dr. Ste 165
San Diego, CA 92108-1694
(949) 250-0004 / FAX (949) 250-0006

PROJ#:	416965
DRAWN BY:	ASHISH KUMAR
CHECKED BY:	RAMAN DEEP SINGH
APPROVED BY:	DEREK PORCELLA
DATE: 10/17/2023	SHEET: 1 OF 6

GENERAL NOTES AND TRAFFIC DESIGN TABLES

1. TRAFFIC CONTROL PLAN SHALL CONFORM TO THE MOST CURRENT CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS AND STATE STANDARD PLANS.
2. NO LANE CLOSURES PERMITTED BEFORE 9:00AM AND AFTER 3:00PM.
3. ALL AFFECTED RESIDENTS, BUSINESSES, AGENCIES, AND SCHOOLS SHALL BE GIVEN A 72 HOURS NOTICE PRIOR TO THE START OF WORK AND THEIR ACCESS SHALL BE MAINTAINED AT ALL TIMES.
4. TEMPORARY NO PARKING SIGNS SHALL BE POSTED 48 HOURS PRIOR TO START OF WORK.
5. ALL CONFLICTING SIGNS, STRIPING OR PAVEMENT MARKINGS SHALL BE COVERED OR REMOVED AND REPLACED WHEN WORK IS COMPLETED.
6. TRAFFIC DIRECTION THROUGH A SIGNALIZED INTERSECTION SHALL BE CONDUCTED BY THE CITY OF SANTA MARIA UNIFORMED POLICE OFFICER OR A COMMUNITY SERVICE OFFICER ONLY. SHOULD WORK REQUIRE A SIGNAL TO BE OVERRIDDEN, ARRANGEMENT SHALL BE MADE WITH THE CITY POLICE DEPT AND TRANSPORTATION ENGINEERING DEPT AT LEAST 14 DAYS PRIOR TO START OF WORK.

Table A - Recommended Advance Warning Sign Spacing

Posted Speed	Distance Between Signs **		
POSTED SPEED	**A**	**B**	**C**
Urban 25 mph or less* **	100	100	100
Urban more than 25 mph to 40 mph* **	250	250	250
Urban more than 40 mph* **	**350**	**350**	350
Rural	500	500	500
Expressway/Freeway	1,000	1,500	2,640

Table B - Taper Length Criteria for Temporary Traffic Control Zones

Type of Taper	Taper Length (L)
Merging Taper	at least L
Shifting Taper	at least 0.5L
Shoulder Taper	at least 0.33L
One-Lane, Two-Way Traffic Taper	50 feet minimum, 100 feet maximum
Downstream taper	50 feet min., 100 feet max. per lane

Table C - Formulas for Determining Taper Lengths

Speed Limit	Taper Length (L) Feet
40 mph or less	L = WS2/60
45 mph or more	L = WS

Where: L = taper length in feet
W = width of offset feet
S = posted speed limit, or off peak 85th- percentile speed prior to work starting. Or the anticipated operating speed in mph

Table D – Longitudinal Buffer Space or Flagger Station Spacing on Downgrades

Speed (mph)	% Downgrade (Buffer Space)			
	Level Road 0% (ft)	**-3% (ft)**	**-6% (ft)**	**-9% (ft)**
20	115	116	120	126
25	155	158	165	173
30	200	205	215	227
35	250	257	271	287
40	305	315	333	354
45	360	378	400	427
50	425	446	474	507
55	495	520	553	593
60	570	598	638	686
65	645	682	728	785
70	730	771	825	891

Table E – Taper Length Criteria for Temporary Traffic Control Zones (for 12 feet Offset Width)

Speed* S (mph)	Minimum Taper Length ** For Width of Offset 12 ft (W)			
	Merging L (ft)	**Shifting L/2 (ft)**	**Shoulder L/3 (ft)**	**Down Stream (ft) *** **
20	80	40	27	50
25	125	63	42	50
30	180	90	60	50
35	245	123	82	50
40	320	160	107	50
45	540	270	180	50
50	600	300	200	50
55	660	330	220	50
60	720	360	240	50
65	780	390	260	50
70	840	420	280	50

Table F – Maximum Spacing of Channelizing Devices

Speed (mph)	Maximum Channelizer Spacing		
	Taper* (ft)	Tangent (ft)	Conflict** (ft)
20	20	40	10
25	25	50	12
30	30	60	15
35	35	70	17
40	40	80	20
45	45	90	22
50	50	100	25
55	55	110	27
60	60	120	30
65	65	130	32
70	70	140	35

flock safety

REV	DESCRIPTION	DATE	BY

TITLE: GENERAL NOTES AND TRAFFIC DESIGN TABLES

SCOPE OF WORK: CITY OF SANTA MARIA, CA
ALPR CAMERA INSTALLATION

PLANS PREPARED BY:
CHC
A CONGRUEX® COMPANY
9095 Rio San Diego Dr. Ste 165
San Diego, CA 92108-1694
(949) 250-0004 / FAX (949) 250-0006

PROJ#: 416965
DRAWN BY: ASHISH KUMAR
CHECKED BY: RAMAN DEEP SINGH
APPROVED BY: DEREK PORCELLA
DATE: 10/17/2023 SHEET: 2 OF 6

CAMERA LOCATION INFORMATION

CAMERA NO.	LOCATION			
	STREET	DIRECTION	LATITUDE LONGITUDE	POLE
116	E BETTERVIA RD.	WESTBOUND	34.92127661174402,-120.433840170874	NEW FLOCK POLE

flock safety

REV	DESCRIPTION	DATE	BY

TITLE: CAMERA LOCATION INFORMATION

SCOPE OF WORK: CITY OF SANTA MARIA, CA
ALPR CAMERA INSTALLATION

PLANS PREPARED BY:
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A CONGRUEX® COMPANY
9095 Rio San Diego Dr. Ste 165
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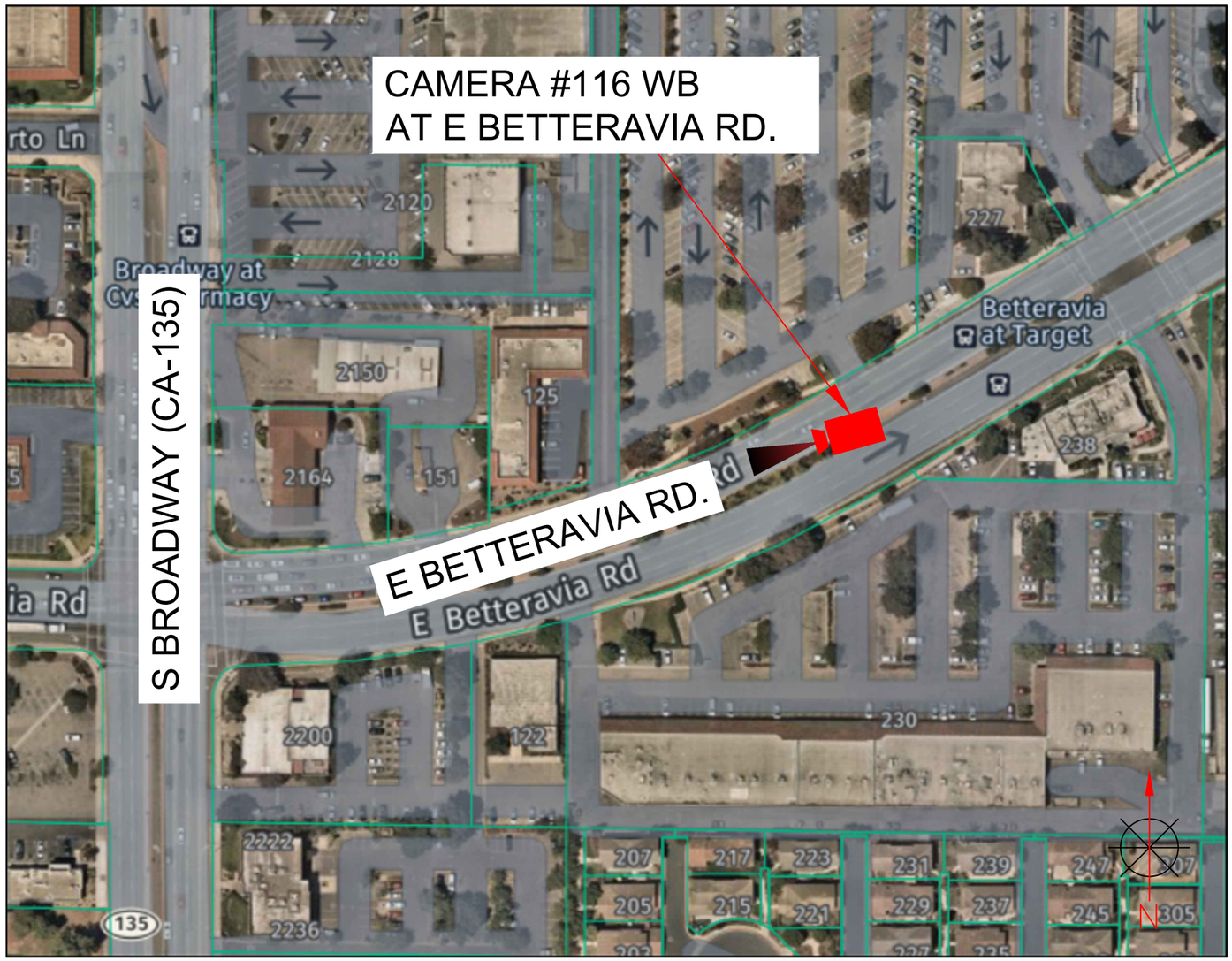
(949) 250-0004 / FAX (949) 250-0006

PROJ#: 416965
DRAWN BY: ASHISH KUMAR
CHECKED BY: RAMAN DEEP SINGH
APPROVED BY: DEREK PORCELLA
DATE: 10/17/2023 SHEET: 3 OF 6

SITE ADDRESS:
223 E BETTERAVIA RD., SANTA MARIA, CA, 93454, USA

SITE PLAN

AERIAL VIEW



STREET VIEW

flock safety

REV	DESCRIPTION	DATE	BY

TITLE: SITE PLAN

SCOPE OF WORK: CITY OF SANTA MARIA, CA
ALPR CAMERA INSTALLATION

PLANS PREPARED BY:
CHC
A CONGRUEX® COMPANY
9095 Rio San Diego Dr, Ste 165
San Diego, CA 92108-1694
(949) 250-0004 / FAX (949) 250-0006

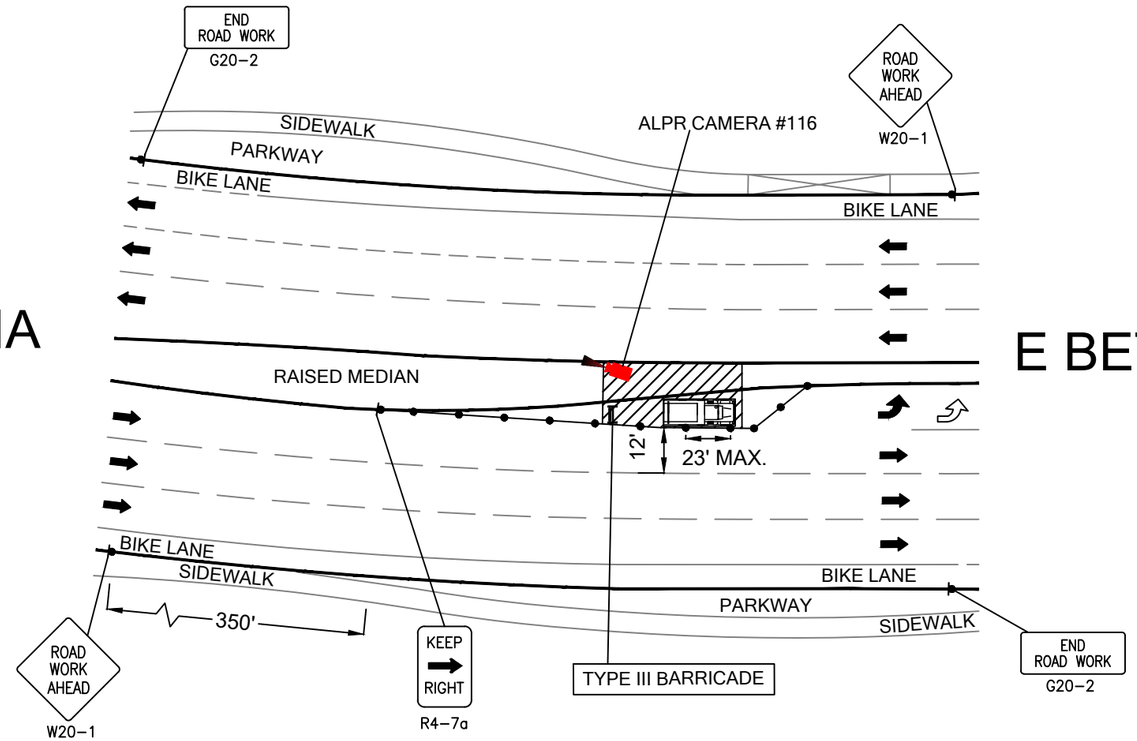
PROJ#: 416965
DRAWN BY: ASHISH KUMAR
CHECKED BY: RAMAN DEEP SINGH
APPROVED BY: DEREK PORCELLA
DATE: 10/17/2023 SHEET: 4 OF 6

223 E BETTERAVIA RD.
E BETTERAVIA RD. AND S BROADWAY (CA-135)
-ALPR CAMERA #116 PL.
WORK AREA 1 OF 1

LEGEND

☆	UNIFORMED POLICE OFFICER
✲	PORTABLE FLASHING BEACON (P.F.B.)
	TYPE III BARRICADE W/SIGN
	TYPE II BARRICADE W/SIGN
•	CHANNELIZING DEVICE
	TRAFFIC CONE WITH CLIP ON SIGN
	TYPE I W/ SIGN
	EXISTING SIGN
Ⓢ	SIGNALIZED INTERSECTION
	FLASHING ARROW BOARD
	HIGH LEVEL WARNING DEVICE (FLAGTREE)
	FLAGGER
TANSAT	TOW AWAY NO STOPPING ANY TIME
	EXISTING DRIVEWAY
	WORK ZONE (ACTIVITY AREA) LIMITS
	DIRECTION OF TRAFFIC (NOT PAVEMENT MARKING)

E BETTERAVIA RD. SPEED LIMIT 45



E BETTERAVIA RD. SPEED LIMIT 45

CONTACT PROPERTY OWNER(S) 72 HOURS PRIOR TO START OF WORK.

ACCESS TO DRIVEWAYS MUST BE MAINTAINED AT ALL TIMES.

CAMERA #116 IS +/- 660' EAST OF THE C/L OF S BROADWAY (CA-135)

SCALE: 1" = 40'

flock safety

REV	DESCRIPTION	DATE	BY

TITLE: TRAFFIC CONTROL PLAN

SCOPE OF WORK: CITY OF SANTA MARIA, CA
ALPR CAMERA INSTALLATION

PLANS PREPARED BY:
CHC
A CONGRUEX® COMPANY
9095 Rio San Diego Dr. Ste 165
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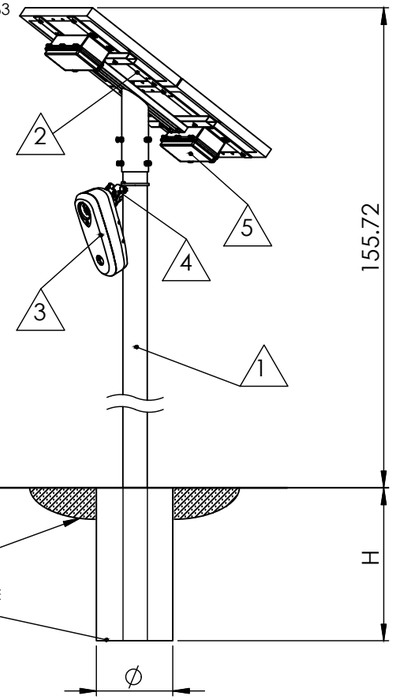
(949) 250-0004 / FAX (949) 250-0006

PROJ#: 416965
DRAWN BY: ASHISH KUMAR
CHECKED BY: RAMAN DEEP SINGH
APPROVED BY: DEREK PORCELLA
DATE: 10/17/2023 SHEET: 5 OF 6

REVISION HISTORY			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL DRAWING	10/26/2020	

NOTES:

1. POLE IS BREAKAWAY 2.875" (73mm) IN DIAMETER 6063-T52 ALUMINUM WITH WALL THICKNESS .203" (5.16mm) AS PER 12/6/2007 FHWA LETTER.
2. THE PANEL ASSEMBLY MAY NOT EXCEED TWO BATTERY PACKS
3. MAX TOTAL WEIGHT OF ASSEMBLY IS 30.8 LBS (13970.63 GRAMS)



BOM						
Item	Part Number	Part Name QTY.		MASS (LB)	DIMENSIONS LxWxH (IN)	CROSS-SECTIONAL AREA (FT^2)
1	204-00029	14' BLACK 2-PIECE POLE	1	17	2.9 x 2.9 x 168.0	3.0 (2' FOUNDATION)
2	701-00116	Double Panel - Top Mount	1		21.3 x 28.3 x 10.5	2.1
3	701-0059	Flock Safety Camera	1	3.6	3.3 x 4.3 x10.5	.3
4	702-0007	RAM Ball Mount & Adapter	1	1.4	N/A	N/A
5	701-00011	Battery Pack	2	4.4	2.8 x 3.9 x 10.8	N/A

FOUNDATION SPECIFICATIONS				
TYPE	V_MAX (MPH)	CAISSON Ø (IN)	CAISSON H (IN)	SOLAR PANEL ELEVATION FROM GRADE (FT MAX)
1*	85	8	24	12
2	110	12	30	12
3	130	12	36	12
4	150	16	48	12

* STANDARD INSTALLATION SPECIFICATIONS

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF FLOCK SAFETY. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF FLOCK SAFETY IS PROHIBITED.

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±1/16
ANGULAR: X.X ±3° X.XX 1° ±
DECIMAL:
X.X ± .02 X.XX ± .01 X.XXX ± .005

MATERIAL

FINISH

NEXT ASSY | USED ON

APPLICATION | DO NOT SCALE DRAWING

	NAME	DATE
DRAWN		
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		

COMMENTS:

flock safety

TOP POLE MOUNT - DOUBLE SOLAR PANEL WITH 2 EXTERNAL BATTERIES

SIZE A | DWG. NO. 905-00005 | REV. A

SCALE:1:20 | SHEET 1 OF 1

REV	DESCRIPTION	DATE	BY

flock safety

TITLE: POLE DETAILS

SCOPE OF WORK: CITY OF SANTA MARIA, CA
ALPR CAMERA INSTALLATION

PLANS PREPARED BY:
CHC
A CONGRUEX® COMPANY
9095 Rio San Diego Dr. Ste 165
San Diego, CA 92108-1694
(949) 250-0004 / FAX (949) 250-0006

PROJ#: 416965
DRAWN BY: ASHISH KUMAR
CHECKED BY: RAMAN DEEP SINGH
APPROVED BY: DEREK PORCELLA
DATE: 10/17/2023 SHEET: 6 OF 6

PUBLIC IMPROVEMENT/ ENCROACHMENT PERMIT APPLICATION

PERMIT NO. _____

CITY OF SANTA MARIA
DEPARTMENT OF PUBLIC WORKS

CLASS A: GENERAL ENGINEERING

Date Submitted: _____/_____/ _____

Job Location

ADDRESS OF PROJECT LOCATION: 1720 S DEPOT ST

Applicant Information

Name: Jeremy Heusler - Flock Safety **Email**: Permit@FlockSafety.com

Phone No. (470) 256-2506

Address:

1170 Howell Mill Rd. Ste 210	Atlanta	GA	30318
Street	City	State	Zip code

Contractor Information

Name: Jeremy Heusler - Flock Safety **License No.** 1086983

Phone No.: (470)256-2506

CITY OF SANTA MARIA BUSINESS LICENSE #: 43939
(include copy of license with application) →

Address:

1170 Howell Mill Rd. Ste 210	Atlanta	GA	30318
Street	City	State	Zip Code

Requirements

Contractors may only perform work in which their license specializes.

CLASS A: *GENERAL ENGINEERING CONTRACTOR : ALL WORK CAN BE PERFORMED.*

C-31: *CONSTRUCTION ZONE TRAFFIC CONTROL CONTRACTOR: NEEDED FOR ANY TRAFFIC CONTROL.*

CALTRANS PERMIT NEEDED FOR ANY WORK OR TRAFFIC CONTROL IN CALTRANS RIGHT-OF-WAY.

Job Description

☐ *Driveway_____ea* ☐ *Curb & Gutter _____ft* ☐ *Sidewalk _____ft*

☐ *Pothole _____ea* ☐ *Trench _____ft* ☐ *Bore _____ft*

☐ *Tree Involved? (Private or City)* ☐ *Utility Connections (describe below) _____ea*

ALPR Camera Installation in the City ROW on behalf of Santa Maria PD for the purpose of assisting with criminal investigations.

COST ESTIMATE: $ 3000 **(TOTAL COST OF LABOR AND SUPPLIES)**

TOTAL NO. OF WORKING DAYS(ON PUBLIC ROW): 2 **(INCLUDING RESTORATION)**

PLANS/ DRAWINGS ATTACHED: ☑ YES ☐ NO **TRAFFIC CONTROL PLANS ATTACHED:** ☑ YES ☐ NO

EMERGENCIES

1. If public safety is in immediate danger, call SMPD / SMF Dispatch at (805) 925-0951 x2277 or call 911.
2. For emergency work to underground utilities, call Dig Alert / USA (811), then call a City Public Works Inspector. If not reached, leave a message. After the fact permits will be arranged. The City Public Works Inspector must be updated on all work progress during the emergency in order to determine whether inspection is required.
3. **Emergency work is defined as anything that USA / Dig Alert would consider emergency; work that cannot wait for the 48 notice that Dig Alert typically requires.**

NORMAL WORK

1. For non-emergency work, call Dig Alert / USA (811), then email (pw_encroachment_permits@cityofsantamaria.org)or call the Engineering Office (x2225) to arrange for encroachment permit. Based upon the type of work, send in Traffic and Pedestrian Control Plans (TCP's and any site/project plans) for all work performed in City ROW. TCPs shall comply with the California Manual on Uniform Traffic Control Devices (CA MUTCD), see: https://dot.ca.gov/programs/traffic-operations/camutcd.
2. Applicant must have a licensed and insured contractor in place to perform the work prior to application for permit. The permit application can be found online at: https://www.cityofsantamaria.org/city-government/departments/public-works-services/encroachment-permit
3. If a water shutdown is required, request and application must be submitted 5 business days prior to desired shutdown date. Shutdowns only occur Tuesdays through Thursdays unless an emergency has been approved by the Utilities Department.
4. Once the Engineering Permit Technician receives a complete application and approval on TCP's, a **DRAFT permit is issued** to applicant.
5. Applicant shall review DRAFT permit, provide signature and date, and send DRAFT permit to Engineering Permit Technician.
6. Fees are collected as necessary. No fee permits are only issued when work is done on behalf of City departments.
7. City issues signed permit that is pink in color. Permit copy shall always be on site with contractor performing work.
8. Contractor shall follow explicit instructions on permit including the arrangement for inspection and permission to start work **at least 24 hours prior to scheduled work**. Contact information for inspectors is on permit.
9. **REFERENCE PERMIT INSTRUCTIONS. If there are any questions, contact the Public Works Inspector or Engineering Office at (805) 925-0951 x2225.**
10. All asphalt and concrete removal limits shall be approved by the City prior to work. Replacement of materials shall be done per City standards specifications and drawings. Other areas impacted by road cuts may require replacement outside of trenching area at the discretion of Public Works Director or his/her designee.
11. Contractor is responsible for providing testing of backfill, concrete, AC, etc. as necessary to complete repair of City infrastructure in compliance with City standards.
12. Public Works Inspectors shall be contacted prior to and after each stage of work – utility repair or tie-in, setting of forms, backfill placement, compaction of backfill/subgrade, placement of AC or PCC, etc.
13. If roadway shows signs of failure at location of utility cut within 12 months of work being performed, then Permittee shall repair the work promptly at no cost to the City Public Works Department.
14. Roadway cuts will not be permitted on streets that have been repaved or surface treated in the previous 5-year period. Emergency work is the only exception to this unless approved by the City Engineer. The permit technicians have this information readily available.

CONTACT INFO - INSPECTORS		
Name	Phone	Email
Inspection Office	**805-925-0951 X2357**	**pw_inspections@cityofsantamaria.org**
Guillermo 'Willie' Aguilera	805-925-0951 X2466	gaguilera@cityofsantamaria.org
Paul Jacobs	805-925-0951 X2497	pjacobs@cityofsantamaria.org
Theodore 'Teddy' Wolff	805-925-0951 X2226	twolff@cityofsantamaria.org

CONTACT INFO - PERMITS		
Name	Phone	Email
Engineering Office	**805-925-0951 X2225**	**pw_encroachment_permits@cityofsantamaria.org**
Esmeralda De Jesus	805-925-0951 X2478	edejesus@cityofsantamaria.org
Jolene Galaites	805-925-0951 X1292	jgalaites@cityofsantamaria,org
Luis Magallon	805-925-0951 X1742	lmagallon@cityofsantamaria,org
Mark Mueller	805-925-0951 X1667	mmueller@cityofsantamaria.org

CITY OF SANTA MARIA
PHYSICAL ADDRESS: 110 S. PINE STREET, STE. 221
MAILING ADDRESS: 110 S. PINE STREET, STE. 101
SANTA MARIA, CA 93458
TEL: (805) 925-0951, x2225

STATE OF CALIFORNIA
CITY OF SANTA MARIA
SUBMITTED BY SANTA MARIA
POLICE DEPARTMENT
AUTOMATIC LICENSE PLATE READING (ALPR)
CAMERA PERMIT

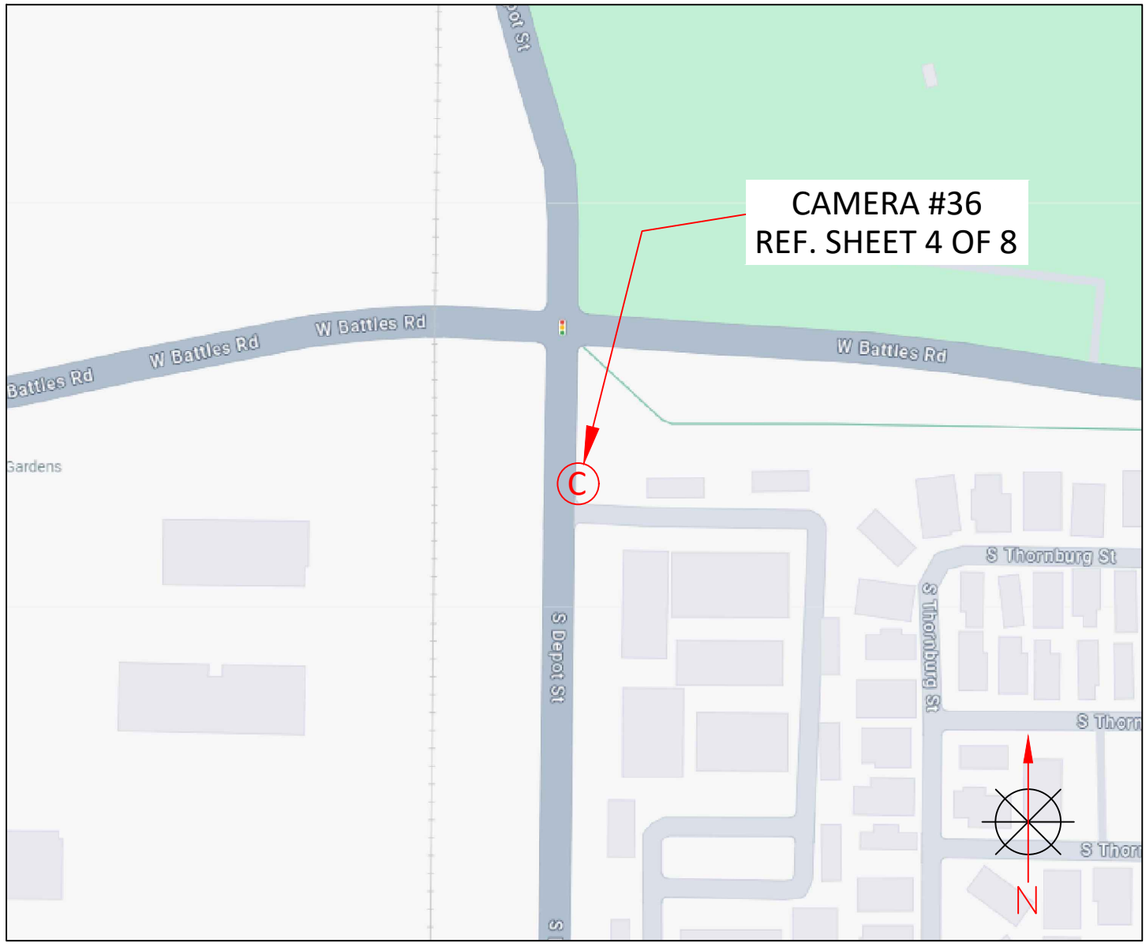
flock safety

INDEX OF DRAWING:

- SHEET 1 : COVER SHEET AND CAMERA LOCATION MAP
- SHEET 2 : GENERAL NOTES AND TRAFFIC DESIGN TABLES
- SHEET 3 : CAMERA LOCATION INFORMATION
- SHEET 4 : SITE PLAN
- SHEET 5 : TRAFFIC CONTROL PLAN
- SHEET 6-8 : POLE DETAILS

811 Know what's below. Call before you dig.

LOCATION / VICINITY MAP



flock safety	REV	DESCRIPTION	DATE	BY

TITLE: COVER SHEET AND CAMERA LOCATION MAP

SCOPE OF WORK: CITY OF SANTA MARIA,CA
ALPR CAMERA INSTALLATION

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PROJ#:	473339
DRAWN BY:	ROHIT THAKUR
CHECKED BY:	RAMAN DEEP SINGH
APPROVED BY:	JEREMY HEUSLER
DATE: 11/30/2023	SHEET: 1 OF 8

GENERAL NOTES AND TRAFFIC DESIGN TABLES

1. TRAFFIC CONTROL PLAN SHALL CONFORM TO THE MOST CURRENT CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS AND STATE STANDARD PLANS.
2. NO LANE CLOSURES PERMITTED BEFORE 9:00AM AND AFTER 3:00PM.
3. ALL AFFECTED RESIDENTS, BUSINESSES, AGENCIES, AND SCHOOLS SHALL BE GIVEN A 72 HOURS NOTICE PRIOR TO THE START OF WORK AND THEIR ACCESS SHALL BE MAINTAINED AT ALL TIMES.
4. TEMPORARY NO PARKING SIGNS SHALL BE POSTED 48 HOURS PRIOR TO START OF WORK.
5. ALL CONFLICTING SIGNS, STRIPING OR PAVEMENT MARKINGS SHALL BE COVERED OR REMOVED AND REPLACED WHEN WORK IS COMPLETED.
6. TRAFFIC DIRECTION THROUGH A SIGNALIZED INTERSECTION SHALL BE CONDUCTED BY THE CITY OF SANTA MARIA UNIFORMED POLICE OFFICER OR A COMMUNITY SERVICE OFFICER ONLY. SHOULD WORK REQUIRE A SIGNAL TO BE OVERRIDDEN, ARRANGEMENT SHALL BE MADE WITH THE CITY POLICE DEPT AND TRANSPORTATION ENGINEERING DEPT AT LEAST 14 DAYS PRIOR TO START OF WORK.

Table A - Recommended Advance Warning Sign Spacing

Posted Speed	Distance Between Signs **		
POSTED SPEED	**A**	**B**	**C**
Urban 25 mph or less* **	100	100	100
Urban more than 25 mph to 40 mph* **	250	250	250
Urban more than 40 mph* **	**350**	**350**	350
Rural	500	500	500
Expressway/Freeway	1,000	1,500	2,640

Table B - Taper Length Criteria for Temporary Traffic Control Zones

Type of Taper	Taper Length (L)
Merging Taper	at least L
Shifting Taper	at least 0.5L
Shoulder Taper	at least 0.33L
One-Lane, Two-Way Traffic Taper	50 feet minimum, 100 feet maximum
Downstream taper	50 feet min., 100 feet max. per lane

Table C - Formulas for Determining Taper Lengths

Speed Limit	Taper Length (L) Feet
40 mph or less	L = WS2/60
45 mph or more	L = WS

Where: L = taper length in feet
W = width of offset feet
S = posted speed limit, or off peak 85th- percentile speed prior to work starting. Or the anticipated operating speed in mph

Table D – Longitudinal Buffer Space or Flagger Station Spacing on Downgrades

Speed (mph)	% Downgrade (Buffer Space)			
	Level Road 0% (ft)	**-3% (ft)**	**-6% (ft)**	**-9% (ft)**
20	115	116	120	126
25	155	158	165	173
30	200	205	215	227
35	250	257	271	287
40	305	315	333	354
45	360	378	400	427
50	425	446	474	507
55	495	520	553	593
60	570	598	638	686
65	645	682	728	785
70	730	771	825	891

Table E – Taper Length Criteria for Temporary Traffic Control Zones (for 12 feet Offset Width)

Speed* S (mph)	Minimum Taper Length ** For Width of Offset 12 ft (W)			
	Merging L (ft)	**Shifting L/2 (ft)**	**Shoulder L/3 (ft)**	**Down Stream (ft) *** **
20	80	40	27	50
25	125	63	42	50
30	180	90	60	50
35	245	123	82	50
40	320	160	107	50
45	540	270	180	50
50	600	300	200	50
55	660	330	220	50
60	720	360	240	50
65	780	390	260	50
70	840	420	280	50

Table F – Maximum Spacing of Channelizing Devices

Speed (mph)	Maximum Channelizer Spacing		
	Taper* (ft)	Tangent (ft)	Conflict** (ft)
20	20	40	10
25	25	50	12
30	30	60	15
35	35	70	17
40	40	80	20
45	45	90	22
50	50	100	25
55	55	110	27
60	60	120	30
65	65	130	32
70	70	140	35

flock safety

REV	DESCRIPTION	DATE	BY

TITLE: GENERAL NOTES AND TRAFFIC DESIGN TABLES

SCOPE OF WORK: CITY OF SANTA MARIA,CA
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PROJ#: 473339
DRAWN BY: ROHIT THAKUR
CHECKED BY: RAMAN DEEP SINGH
APPROVED BY: JEREMY HEUSLER
DATE: 11/30/2023 SHEET: 2 OF 8

CAMERA LOCATION INFORMATION

CAMERA NO.	LOCATION			
	STREET	DIRECTION	LATITUDE LONGITUDE	POLE
36	S DEPOT ST.	NORTHBOUND	34.93139927291808,-120.44444293988113	NEW FLOCK POLE

flock safety

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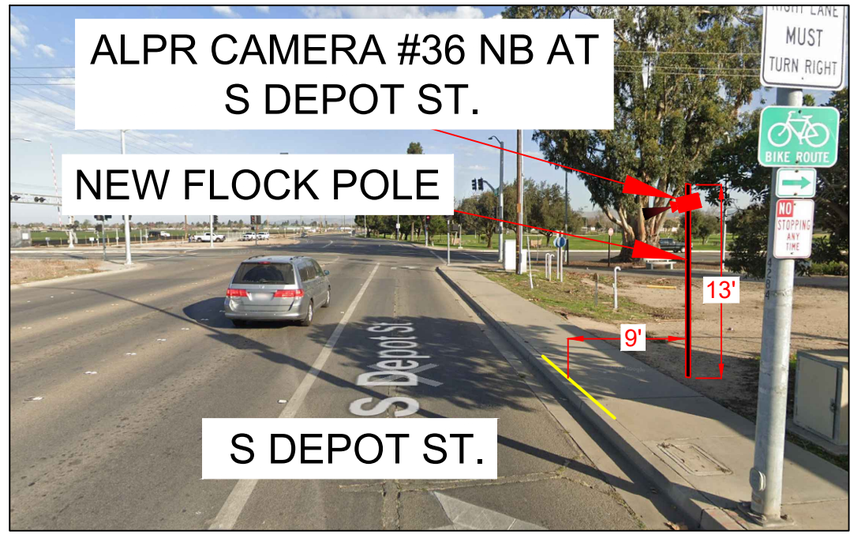
DATE: 11/30/2023 SHEET: 3 OF 8

SITE ADDRESS:
1720 S DEPOT ST, SANTA MARIA, CA 93458

SITE PLAN

AERIAL VIEW

STREET VIEW



flock safety

REV	DESCRIPTION	DATE	BY

TITLE: SITE PLAN

SCOPE OF WORK: CITY OF SANTA MARIA,CA
ALPR CAMERA INSTALLATION

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DATE: 11/30/2023	SHEET: 4 OF 8

1720 S DEPOT ST.
S DEPOT ST. AND W BATTLES RD.

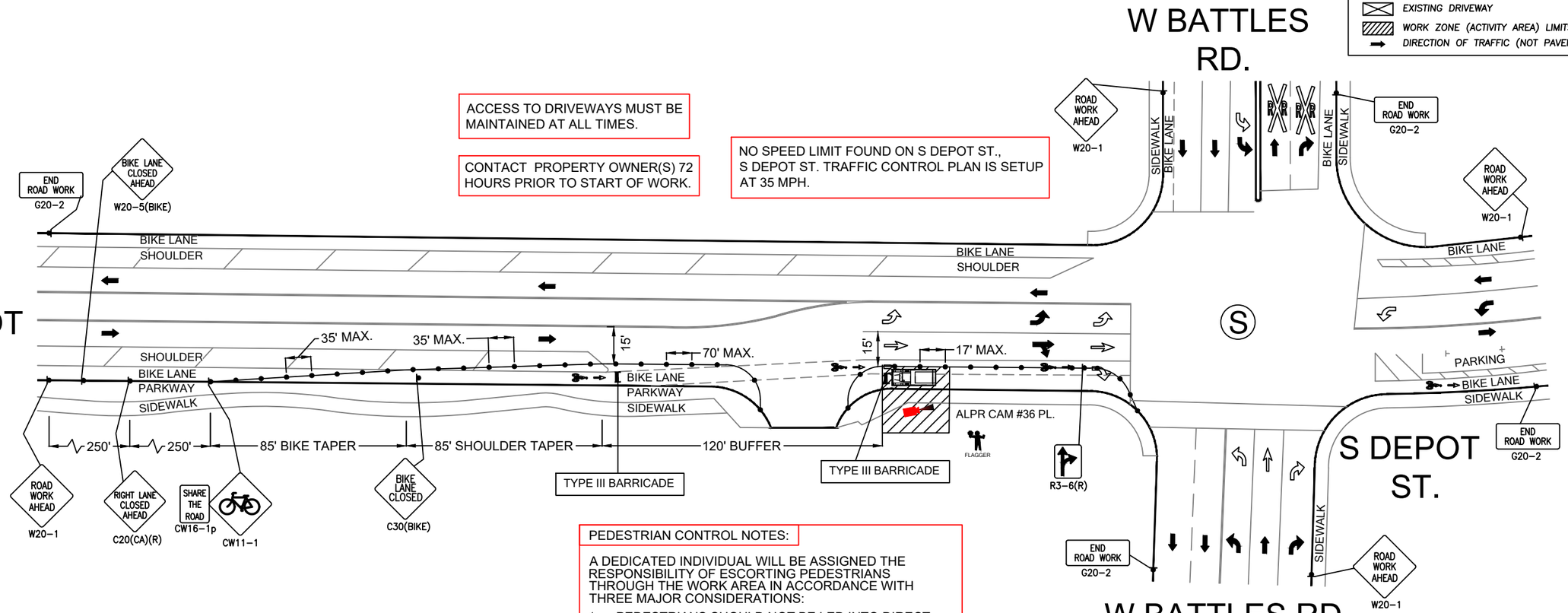
-ALPR CAMERA #36 PL.
WORK AREA 1 OF 1

LEGEND
- UNIFORMED POLICE OFFICER
- PORTABLE FLASHING BEACON (P.F.B.)
- TYPE III BARRICADE W/SIGN
- TYPE II BARRICADE W/SIGN
- CHANNELIZING DEVICE
- TRAFFIC CONE WITH CLIP ON SIGN
- TYPE I W/ SIGN
- EXISTING SIGN
- SIGNALIZED INTERSECTION
- FLASHING ARROW BOARD
- HIGH LEVEL WARNING DEVICE (FLAGTREE)
- FLAGGER
- TANSAT TOW AWAY NO STOPPING ANY TIME
- EXISTING DRIVEWAY
- WORK ZONE (ACTIVITY AREA) LIMITS
- DIRECTION OF TRAFFIC (NOT PAVEMENT MARKING)

ACCESS TO DRIVEWAYS MUST BE MAINTAINED AT ALL TIMES.

CONTACT PROPERTY OWNER(S) 72 HOURS PRIOR TO START OF WORK.

NO SPEED LIMIT FOUND ON S DEPOT ST., S DEPOT ST. TRAFFIC CONTROL PLAN IS SETUP AT 35 MPH.



PEDESTRIAN CONTROL NOTES:

A DEDICATED INDIVIDUAL WILL BE ASSIGNED THE RESPONSIBILITY OF ESCORTING PEDESTRIANS THROUGH THE WORK AREA IN ACCORDANCE WITH THREE MAJOR CONSIDERATIONS:

1. PEDESTRIANS SHOULD NOT BE LED INTO DIRECT CONFLICT WITH WORK SITE VEHICLES, EQUIPMENT OR OPERATIONS
2. PEDESTRIANS SHOULD NOT BE LED INTO DIRECT CONFLICT WITH MAINLINE TRAFFIC MOVING THROUGH OR AROUND THE WORK SITE.
3. PEDESTRIANS SHOULD BE PROVIDED WITH A REASONABLY SAFE, CONVENIENT AND ACCESSIBLE PATH THAT REPLICATES AS NEARLY AS PRACTICAL THE MOST DESIRABLE CHARACTERISTICS OF THE EXISTING SIDEWALK OR FOOTPATH

FLAGGER TO ASSIST PEDESTRIANS THROUGH WORK AREA (SEE PED NOTES)

N

SCALE: 1" = 50'

flock safety

REV	DESCRIPTION	DATE	BY

TITLE: TRAFFIC CONTROL PLAN

SCOPE OF WORK: CITY OF SANTA MARIA,CA
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DATE: 11/30/2023	SHEET: 5 OF 8

DESIGN NOTES

1. POLE AND FOUNDATIONS ARE DESIGNED IN ACCORDANCE WITH THE FOLLOWING CODES:
   1.1. 2009/2012/2015/2018/2021 INTERNATIONAL BUILDING CODE
   1.2. AASHTO LRFD SPECIFICATIONSFOR STRUCTURAL SUPPORT FOR HIGHWAY SIGNS, LUMIN, TRAFFIC SIGNALS, 2015 EDITION.
2. POLE ANALYSIS AND FOUNDATION DESIGN ARE BASED ON THE FOLLOWINGCRITERIA
   2.1. DESIGN WIND SPEED (Vult)): (SEE SECTION 2.6)
   2.2. RISK CATEGORY: II
   2.3. EXPOSURE CATEGORY: C
   2.4. TOPOGRAPHIC CATEGORY: 1
   2.5. SEISMIC DESIGN CRITERIA:
      2.5.1. SOIL SITE CLASS: D (ASSUMED)
      2.5.2. SPECTRAL RESPONSE, Ss: 1.000g (MAXIMUM)
      2.5.3. SPECTRAL RESPONSE, S1: 0.400G (MAXIMUM)
      2.5.4. SEISMIC DESIGN CATEGORY: B
   2.6. STRUCTURE BASE REACTIONS ARE CALCULATED AS FOLLOWS:

DESIGN WIND SPEED (MPH)	MOMENT (K-FT)	SHEAR (KIP)	AXIAL (KIP)
115	2.70	0.280	0.160
125	3.20	0.330	0.160
135 (MAX)	3.70	0.380	0.160

   2.7. SHOULD ANY OF THE SITE-SPECIFIC PARAMETERS BE HIGHER THAN WHAT IS NOTED ABOVE, THE EOR SHALL BE CONTACTED TO PROVIDE A REVISED DESIGN.
3. FOUNDATIONS ARE DESIGNED BY OTHERS, FLOCK SAFETY SHALL PROVIDE THE CONTRACTOR WITH INSTALLATION SPECIFICATIONS AND GUIDELINES. CONTRACTOR IS RESPONSIBLE FOR VERIFYING SOIL CONDITIONS PRIOR TO INSTALLATION.

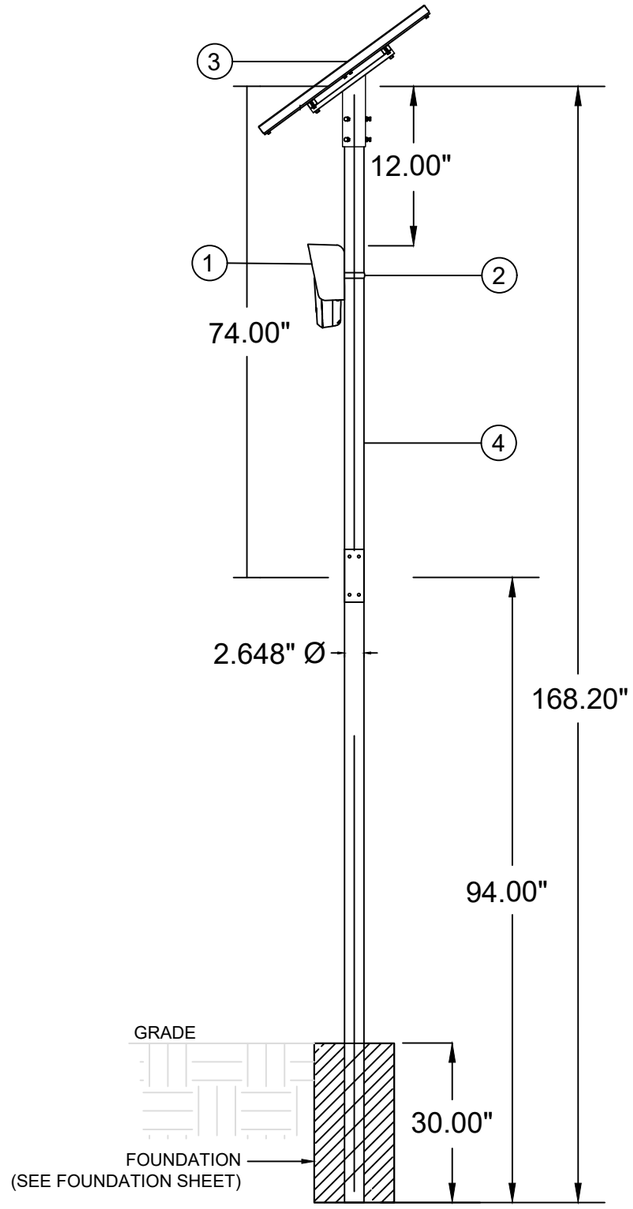
GENERAL & CONSTRUCTION NOTES

1. CONTRACTOR SHALL CONTACT DESIGNATED AGENCY TO LOCATE ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
2. CONTRACTOR SHALL APPLY AND OBTAIN AN APPROVED TRAFFIC CONTROL PLAN IN ACCORDANCE WITH MUTCD AND LOCAL JURISDICTION STANDARDS.
3. CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO ORIGINAL SITE CONDITION TO THE SATISFACTION OF STATE DEPARTMENT OF TRANSPORTATION AND LOCAL JURISDICTION.
4. ALL WORK SHALL CONFORM TO APPLICABLE ELECTRICAL CODES EXCEPT WHEN STATE DEPARTMENT OF TRANSPORTATION OR LOCAL JURISDICTION STANDARDS SUPERSEDE.
5. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH SPECIFICATIONS DEFINED BY THE STATE DEPARTMENT OF TRANSPORTATION OR LOCAL JURISDICTION, UNLESS SPECIFICALLY STATED OR SHOWN OTHERWISE HEREIN.

ADA COMPLIANCE NOTES

1. ALL SIDEWALK CONSTRUCTION SHALL BE IN ACCORDANCE WITH ADA TITLE II, STATE DEPARTMENT OF TRANSPORTATION, AND LOCAL JURISDICTION STANDARDS,
2. STATE DEPARTMENT OF TRANSPORTATION CURRENT EDITION STANDARDS SHALL BE USED FOR PEDESTRIAN CONTROL PLANS WHEN CLOSURE OF SIDEWALK IS REQUIRED FOR CONSTRUCTION.
3. MINIMUM CLEAR PEDESTRIAN ACCESS ROUTE (PAR) SHALL BE 48" WIDE.
4. NO OBSTRUCTION IS PERMITTED ALONG THE WIDTH OF THE SIDEWALK. UP TO AN ELEVATION OD 7'-0" ABOVE GRADE.

ITEM NO.	PART NUMBER	DESCRIPTION	WEIGHT (LB)	QTY.
1	701-0059	FLOCK SAFETY CAMERA	3.6	1
2	201-00087	MOUNTING CLAMP	1.0	1
3	205-00010	60W SOLAR KIT	17.0	1
4	1020-01	STYLE 7 COUPLER ASSEMBLY	168.42	1



1 POLE ELEVATION DETAIL

SCALE: N/A

THIS DOCUMENT HAS BEEN DRAWN BASED OFF THE MOST RECENT AVAILABLE DATA & AERIAL IMAGERY. THIS INCLUDES RIGHT OF WAY, EXISTING UTILITIES, & PRIVATE PROPERTY LINES. IT REMAINS THE RESPONSIBILITY OF OTHERS TO VERIFY ALL DATA PRIOR AND EXISTING SURRONDING FACILITIES TO VERIFY & CONFLICTS ABOVE & BELOW GRADE. ALL CONSTRUCTION TO FOLLOW XXXXXX GENERAL GUIDELINES. DO NOT SCALE DRAWINGS. CALL 811 PRIOR TO DIGGING.

flock safety

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TITLE: POLE DETAILS

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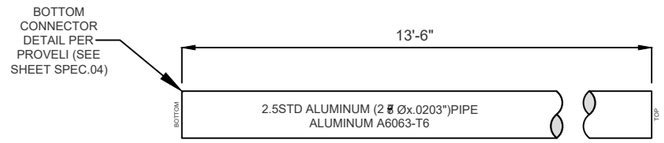
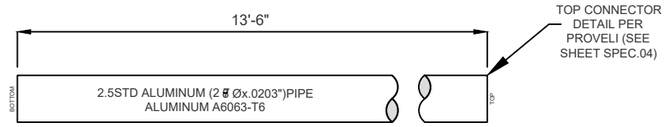
1



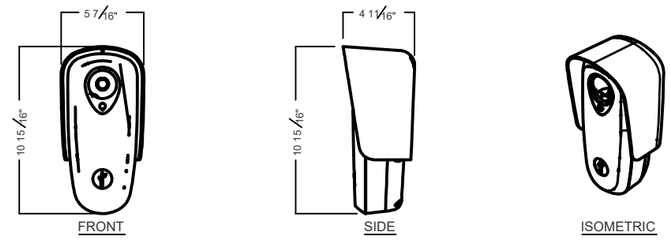
PIPE DETAIL (TOP)

2



PIPE DETAIL (BOTTOM)

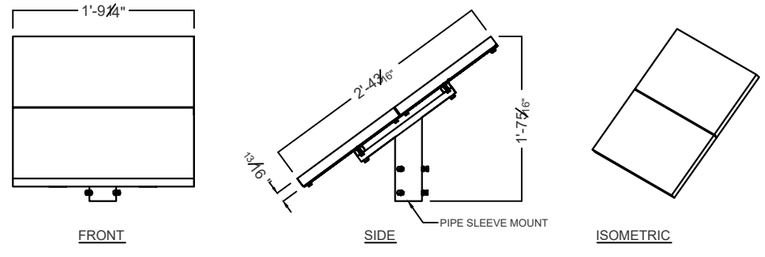
3



FLOCK SAFETY "FALCON" CAMERA

MOUNTING HARDWARE TO BE PROVIDED BY FLOCK SAFETY

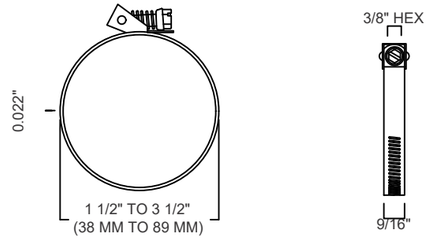
4



60 WATT SOLAR PANEL DETAIL (TOP MOUNTED)

MOUNTING HARDWARE TO BE PROVIDED BY FLOCK SAFETY

5



MCMASTER-CARR QUICK-RELEASE CLAMP FOR FIRM HOSE AND TUBE,
201 STAINLESS STEEL WITH 410 STAINLESS STEEL SCREW
130 MPH WIND RATING
PART NUMBER: 5322K58

MOUNTING CLAMP

MOUNTING HARDWARE TO BE PROVIDED BY FLOCK SAFETY

6 NOT USED

7 NOT USED

8 NOT USED

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DATE: 11/30/2023 SHEET: 7 OF 8

ITEM NO.	DESCRIPTION	QTY.
1	2.5" SCH 40 2.875OD 74.000L	1
2	2.5 SCH 40 2.875OD 94.000L	1
3	BUT TORX 0.250-20 TAMPER-RESISTANT	6
4	INSERT SLEEVE STYLE 7 TAPPED	1
5	ORING	1
6	WASHER	6
7	CONCRETE FOOTING	1
8	HBOLT 0.2500-20	1

PROVELI STYLE 7 COUPLER ASSEMBLY

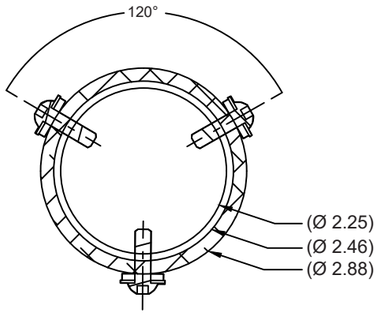
PART #: 1020-01

MATERIAL: VARIES

WEIGHT: 168.42 LBS

DATE: 09/27/2023

DO NOT SCALE DRAWINGS (NTS)



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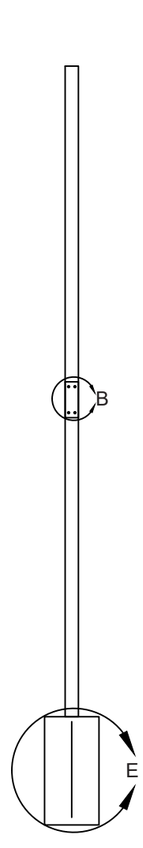

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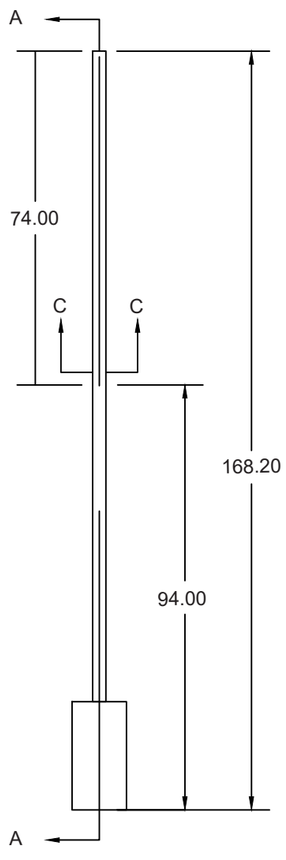
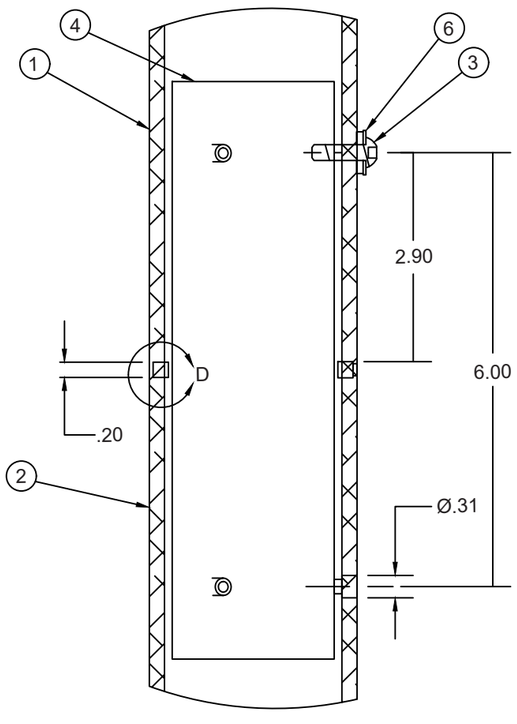
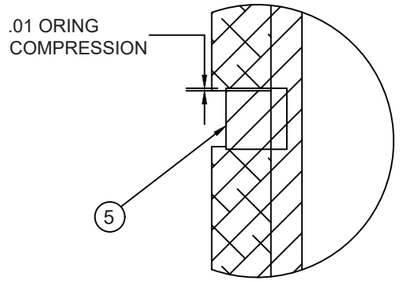
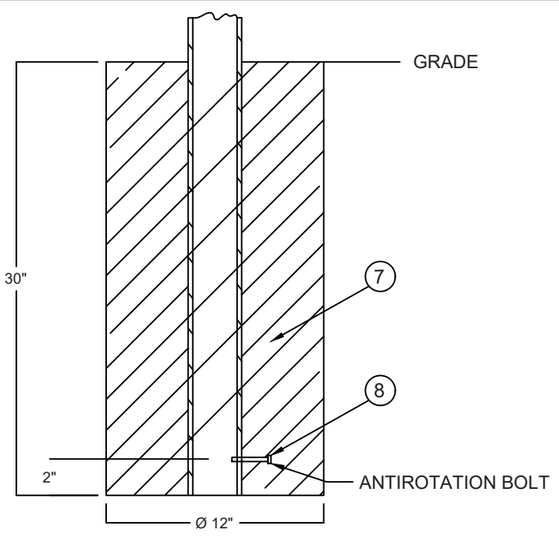




DETAIL B



DETAIL D



DETAIL E

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flock safety

REV	DESCRIPTION	DATE	BY

TITLE: POLE DETAILS

SCOPE OF WORK: CITY OF SANTA MARIA,CA
ALPR CAMERA INSTALLATION

PLANS PREPARED BY:
CHC
A CONGRUEX® COMPANY
9095 Rio San Diego Dr. Ste 165
San Diego, CA 92108–1694
(949)250–0004 /FAX (949)250–0006

PROJ#: 473339
DRAWN BY: ROHIT THAKUR
CHECKED BY: RAMAN DEEP SINGH
APPROVED BY: JEREMY HEUSLER
DATE: 11/30/2023 SHEET: 8 OF 8

LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: 489307

PERMITTING JURISDICTION:

CITY OF SANTA MARIA

STATE OF CALIFORNIA
CITY OF SANTA MARIA
ON BEHALF OF
SANTA MARIA POLICE DEPARTMENT

CONTACT LIST

PERMITTING

DEREK PORCELLA
DEREK.PORCELLA@FLOCKSAFETY.COM

PROJECT MANAGER

MELISSA BARKER-SOLSBERY
MELISSA.BARKER-SOLSBERY@FLOCKSAFETY.COM

*SEE APPROVED PERMIT FOR LISTED INSPECTOR**

DRAWING INDEX

T.01	COVER SHEET & LOCATION MAPS
T.02	SYMBOLOGY & ABBREVIATIONS
GN.01	GENERAL NOTES
A.01	PLAN DRAWINGS
SPEC.01 - SPEC.02	EQUIPMENT & FOUNDATION DETAILS
TCP.01 - TCP.03	TRAFFIC CONTROL DETAILS

811
SAFETY IS IN YOUR HANDS.
EVERY DIG. EVERY TIME.

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SANTA MARIA POLICE DEPARTMENT
111 W BETTERAVIA RD,
SANTA MARIA, CALIFORNIA
93455 UNITED STATES

flock safety
1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
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0	01/242024	TD	PRELIM

I HEARBY CERTIFY THIS DOCUMENT WAS PREPARED BY MYSELF OR UNDER MY DIRECT SUPERVISION THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF CALIFORNIA.

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LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: 489307
PERMITTING JURISDICTION:
CITY OF SANTA MARIA

COVER SHEET & LOCATION MAPS

SHEET:	REV:
T.01	0

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LINETYPES

- RIGHT OF WAY
- EDGE OF PAVEMENT
- SIDEWALK
- CENTERLINE
- GAS
- WATER
- TELEPHONE
- ELECTRIC
- SANITARY SEWER (SEW)
- STORM DRAIN
- FENCE
- CABLE TV
- STEAM
- OIL
- UNKNOWN UTILITY
- RAILROAD

SYMBOLOGY

- CAMERA - EXISTING
- CAMERA - PROPOSED
- AUDIO DETECTION - EXISTING
- AUDIO DETECTION - PROPOSED
- POLE - PROPOSED
- POLE - EXISTING
- HANDHOLE - EXISTING
- HANDHOLE - PROPOSED
- PEDESTAL - EXISTING
- MANHOLE - EXISTING
- POINT OF INTEREST
- ACCESS POINT
- CULVERT - EXISTING
- FIRE HYDRANT - EXISTING
- WATER MAIN - EXISTING
- WATER VALVE - EXISTING
- GAS VALVE - EXISTING
- DOWN GUY AND ANCHOR
- OVERHEAD GUY
- BORING REQUIRED
- UG CONDUIT - EXISTING

ABBREVIATIONS:

ABAND	Abandoned
APPROX	Approximate
ASPH	Asphalt
BLDG	Building
CL	Centerline
CMP	Corrugated Metal Pipe
CO	County
CONC	Concrete
CSG	Casing
CT	Count
CULV	Culvert
DB	Directional Bore
DBH	Diameter at Breast Height
D.D.	Down Drain
DEPT	Department
DIA	Diameter
DIR	Directional
DIST	District
DOC	Depth of Cover
DOT	Department of Transportation
DWG	Drawing
DWY	Driveway
E MH	Electric Manhole
E MKR	Electric Line Marker
E PED	Electric Pedestal
E VLT	Electric Vault
EM	Electric Meter
ENC	Encased
ENG	Engineering
EOP	Edge of Pavement
EPB	Electric Pull Box
EXIST	Existing
FDH	Fiber Distribution Hub
FDT	Fiber Distribution Terminal
FH	Fire Hydrant
FO	Fiber Optic
FO MH	Fiber Optic Manhole
FO MKR	Fiber Optic Line Marker
FO VLT	Fiber Optic Vault
FOC	Face of Curb
FS	Filter Sock
G MH	Gas Manhole
G MKR	Gas Line Marker
G SD	Grated Storm Drain
GALV	Galvanized
GEO SRV MKR	Geodetic Survey Marker
GM	Gas Meter
GV	Gas Valve
GWMW	Groundwater Monitoring Well
HDPE	High Density Polyethylene
HH	Handhole
HWY	Highway
I.P.	Inlet Protection
ILA	In Line Amplifier
INC	Incorporated
INT	Intermediate
L/A ROW	Limited Access Right of Way
LF	Linear Feet
LOC MKR	Locating Marker
LP	Light Pole
MAX	Maximum
MB	Mailbox
MH	Manhole
MIN	Minimum
MIT	Mitigation
MKR	Marker
MMV	Meet Me Vault
MON	Monument
MOT	Maintenance of Traffic
NO	Number
OC	Open Cut
PRK MTR	Parking Meter
P/L	Property Line
PED	Pedestal
PI	Point of Inflection
PKG	Package
PVC	Polyvinyl Chloride
RCB	Reinforced Concrete Box
RCP	Reinforced Concrete Pipe
RD MEM	Roadside Memorial
REQD	Required
RGS	Rigid Galvanized Steel
ROW	Right of Way
RR	Railroad
SCB	Sprinkler Control Box
SD	Storm Drain/Curb Inlet
SDMH	Storm Water Manhole
SEC.	Section
SF	Silt Fence
SMH	Sanitary Sewer Manhole
SPL	Splice
SS CO	Sanitary Sewer Clean Out
SS LIFT	Sanitary Sewer Lift Station
STA.	Station
STD	Standard
STR	Section Township Range
SWPPP	Storm Water Pollution Prevention Plan
T HH	Telecom Handhole
T MH	Telecom Manhole
T MKR	Telecom Line Marker
T PED	Telecom Pedestal
T VLT	Telecom Access Vault
T.P.	Trench Plug
TCB	Traffic Control Box
TCE	Temporary Construction Easement
TCV	Traffic Control Vault
TRF MH	Traffic Control Manhole
TSP	Traffic Signal Light
TYP	Typical
UG	Underground
UNK MH	Unknown Manhole
UNK PED	Unknown Pedestal
UNK UTL MKR	Unknown Utility Marker
UNK VLT	Unknown Vault
UTL LP	Utility Light Pole
UTL P	Utility Pole
VLT	Vault
VP	Gas Vent Pipe
W MH	Water Manhole
W MKR	Water Line Marker
W SPG	Water Spigot
W VLT	Water Vault
WM	Water Meter
WV	Water Valve

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SANTA MARIA POLICE DEPARTMENT

111 W BETTERAVIA RD,
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flock safety

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LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: 489307
PERMITTING JURISDICTION:
CITY OF SANTA MARIA

COVER SHEET & LOCATION MAPS

SHEET:	REV:
T.02	0

THIS DOCUMENT HAS BEEN DRAWN BASED OFF THE MOST RECENT AVAILABLE DATA & AERIAL IMAGERY. THIS INCLUDES RIGHT OF WAY, EXISTING UTILITIES, & PRIVATE PROPERTY LINES. IT REMAINS THE RESPONSIBILITY OF OTHERS TO VERIFY ALL DATA PRIOR AND EXISTING SURRONDING FACILITIES TO VERIFY & CONFLICTS ABOVE & BELOW GRADE. ALL CONSTRUCTION TO FOLLOW CITY OF SANTA MARIA GENERAL GUIDELINES. DO NOT SCALE DRAWINGS. CALL 811 PRIOR TO DIGGING.

GENERAL & CONSTRUCTION NOTES

1. FLOCK SAFETY SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES 48 HOURS PRIOR TO CONSTRUCTION.

2. CONTRACTOR SHALL BE RESPONSIBLE TO APPLY AND OBTAIN AN APPROVED TRAFFIC CONTROL PLAN IN ACCORDANCE WITH MUTCD AND LOCAL STANDARDS AS REQUIRED.

3. CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE ALL DISTURBED AREAS TO ORIGINAL CONDITION TO STATE DEPARTMENT OF TRANSPORTATION AND LOCAL AGENCY SATISFACTION AT NO ADDITIONAL COMPENSATION.

4. ALL WORK SHALL CONFORM TO ALL APPLICABLE ELECTRICAL CODES EXCEPT WHEN STATE DEPARTMENT OF TRANSPORTATION AND LOCAL AGENCY STANDARDS SUPERSEDE. CONTRACTOR SHALL ENSURE ALL PROPOSED EQUIPMENT INSTALLED IS IN ACCORDANCE WITH NESC REQUIREMENTS AND CLEARANCES. FLOCK SOLAR INSTALLATIONS MEET NEC REQUIREMENTS AND WILL BE USING AND UNGROUNDED SYSTEM.

5. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH STATE AND LOCAL AGENCY SPECIFICATIONS UNLESS SPECIFICALLY STATED OR SHOWN OTHERWISE HEREIN.

6. THE WORK INVOLVING INSTALLATION OF FLOCK SAFETY ALPR CAMERAS INVOLVING TEMPORARY LANE CLOSURES ARE TO BE DONE BETWEEN THE HOURS OF 8:00AM AND 5:00PM. MONDAY THROUGH FRIDAY UNLESS OTHERWISE STATED BY THE DEPARTMENT.

7. WHEN INSTALLING FLOCK SAFETY PROVIDED POLES, A MINIMUM OF 2' SEPARATION SHALL BE MAINTAINED FROM ALL EXISTING UTILITIES AND STORM DRAIN STRUCTURES.

8. IF THE PROPOSED UTILITY CANNOT BE INSTALLED PER THE APPROVED PERMITTED PLAN AND BY GENERAL SPECIFICATIONS, A REVISED PLAN MUST BE PROVIDED TO THE DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO THE INSTALLATION OF PRODUCTS OR MATERIALS AT THE GIVEN LOCATIONS WHERE CONFLICTS OCCUR.

9. NO PEDESTRIAN PATHWAY IS TO BE REMOVED, BLOCKED, OR DISTURBED WITHOUT HAVING A SUFFICIENT DESIGNATED TEMPORARY PEDESTRIAN PATHWAY WITH ALL APPROPRIATE PEDESTRIAN MAINTENANCE OF TRAFFIC SIGNS IN PLACE PRIOR TO PATHWAY BEING AFFECTED.

10. ALL TEMPORARY PEDESTRIAN PATHWAYS MUST BE FIRM AND UNYIELDING.

12. THE GENERAL RETAINS THE RIGHT TO MAKE ALTERATIONS TO THE PERMIT, ATTACHED SKETCH OR CHARACTER OF WORK AS MAY BE CONSIDERED NECESSARY OR DESIRABLE DURING THE PROGRESS OF THE WORK FOR SATISFACTORY COMPLETION OF THE PROPOSED CONSTRUCTION.

13. THE PERMITTEE SHALL NOTIFY THE GENERAL OF DATE OF COMPLETION, REQUEST A FINAL INSPECTION AND A NOTICE OF FINAL ACCEPTANCE.

14. ALL CONSTRUCTION AND/OR MAINTENANCE ON THE GENERAL RIGHT OF WAY SHALL CONFORM TO THE FEDERAL MANUAL ON UNIFORM TRAFFIC DEVICES, THE GENERAL ROADWAY AND TRAFFIC DESIGN STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, PLANS PREPARATION MANUAL AND DRAINAGE MANUAL.

15. ANY SIDEWALK DAMAGED AS A RESULT OF WORK BEING PERFORMED IN ASSOCIATION WITH THE PERMITTEE AND CONTRACTOR SHALL BE REMOVED AND REPLACED. ANY SIDEWALK DISTURBED WILL BE REPLACED BY SECTION WITHIN 72 HOURS TO GENERAL SPECIFICATIONS.

16. THE CONTRACTOR SHALL HAVE AN AUTHORIZED PERSON AVAILABLE AT/OR NEAR THE WORK SITE ON A 24 HOUR BASIS, 7 DAYS A WEEK IN ORDER TO ADDRESS EMERGENCY ISSUES ASSOCIATED WITH THE PROJECT.

17. NO STOCKPILING, STORING OR SEMI PERMANENT USE OF THE RIGHT OF WAY IS AUTHORIZED UNLESS SPECIFICALLY IDENTIFIED WITHIN THE PERMIT.

18. NO WORK SHALL BE PERFORMED DURING ANY STATE OR FEDERAL HOLIDAYS UNLESS OTHERWISE APPROVED BY THE GENERAL.

19. THE PERMITTED WORK SCHEDULE IS DEFINED AS MONDAY THROUGH FRIDAY 8:00AM TO 5:00PM UNLESS OTHERWISE NOTED WITHIN THE PERMIT. ANY WORK DESIRED OUTSIDE OF THIS PERIOD MUST BE REQUESTED IN ADVANCE AND APPROVED BEFORE WORKING THE ALTERNATE SCHEDULE.

20. THE DEPARTMENT RESERVES THE RIGHT TO MAKE ADJUSTMENTS TO ANY PERMITTED METHODS OF INSTALLATION, SCOPE OF WORK AND RESTORATION THAT MAY BE REQUIRED TO POSITIVELY SUPPORT LIFE, SAFETY AND ENVIRONMENTAL WELL BEING OF ALL USERS OF THE TRANSPORTATION SYSTEM.

21. PERMITTEE SHALL NOT BEGIN ANY WORK ALONG GENERAL RIGHT-OF-WAY UNTIL THE INSPECTION OF THE PERMIT ARE MET.

22. PRIOR TO CLOSING A LANE, THE PERMITTEE SHALL PROVIDE A SUITABLE TRAFFIC CONTROL PLAN AS PER FEDERAL MANUAL TRAFFIC CONTROL STANDARDS DEPICTING ALL WORK BEING DONE. THE UTILITY OWNER IS NOT REQUIRED TO REPORT LANE CLOSURES FOR EMERGENCIES.

23. IT WILL BE THE RESPONSIBILITY OF THE PERMITTEE TO REPAIR ANY DAMAGE TO GENERAL FACILITIES AND/OR PRIVATE PROPERTY CAUSED BY CONSTRUCTION OF THE PROJECT.

24. ALL PROPOSED EQUIPEMENT ON EQUISTING STRUCTURES WILL BE INSTALLED IN A MANNER TO NOT CONFLICT WITH THE INTENDED FUNCTIONALITY OR VISABILITY OF ANY EXISTING SIGNAGE OR EQUIPMENT ON THE EXISTING STRUCTURE.

DESIGN NOTES:

1. POLE AND FOUNDATION DESIGNED PER CURRENT STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORT FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS.

2. POLE DESIGN WIND SPEED IS 85 MPH, 110 MPH, 130 MPH, AND 150 MPH BASED ON A 300-YEAR MRI.

3. CONCRETE SHALL HAVE A MINIMUM 28-DAY DESIGN STRENGTH OF 3000 PSI, AND HAVE AT LEAST 505 POUNDS OF CEMENTITIOUS MATERIAL PER CUBIC YARD.

4. PROVIDE A FLAT BEARING SURFACE ON TOP SURFACE ON TOP SHAFT BELOW THE POLE BASE. SLOPE TOP SURFACE OF CONCRETE SHAFT OUTSIDE OF POLE BASE TO DRAIN AWAY FROM POLE.

5. DO NOT USE THIS DETAIL FOR SITES WHERE SOIL CONSISTS OF SOFT CLAY, PEAT OR ANY OTHER SOIL WHERE A SMALL DIAMETER REBAR (#5 OR SMALLER) OR METAL PROBE PENETRATES EASILY TO 6" OR MORE OF DEPTH WHEN THE FULL WEIGHT OF A PERSON IS APPLIED.

ADA COMPLIANCE NOTES:

1. ALL SIDEWALK CONSTRUCTION SHALL BE IN ACCORDANCE WITH ADA TITLE II AND ALL FEDERAL, STATE, AND LOCAL STANDARDS.

2. USE STANDARD WATCH MANUAL PLANS FOR PEDESTRIAN CONTROL PLANS FOR CLOSURE OF SIDEWALK.

3. MINIMUM SIDEWALK CLEAR PEDESTRIAN ACCESS ROUTE (PAR) IS 48" WIDE.

4. NO OBSTRUCTION IS PERMITTED ALONG THE WIDTH OF THE SIDEWALK UP TO 7'-0" IN HEIGHT.

COUNTY NOTES:

1. CURRENT A.D.A. STANDARDS SHALL BE UPHELD AT ALL TIMES.

2. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTY IN THE VICINITY OF THE CONSTRUCTION.

3. CONTRACTOR SHALL PROVIDE SAFE ACCESS PER CURRENT GENERAL STANDARDS FOR ALL PEDESTRIAN TRAFFIC REGULATIONS ON ALL EXCAVATIONS OPENED IN THE TRAFFIC ZONE CONTROL AREA.

4. CONTRACTOR SHALL RESTORE RIGHT-OF-WAY TO EQUAL OR BETTER CONDITION UPON COMPLETION OF WORK.

GENERAL NOTES:

1. ALL WORK PERFORMED WITHIN THE GENERAL RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE CURRENT GENERAL STANDARDS.
2. SHOULD A CONFLICT ARISE BETWEEN THE DETAILS SHOWN IN THE PLANS AND THE DEPARTMENT OF TRANSPORTATION STANDARDS, THE ENGINEER/PERMITTEE SHALL IMMEDIATELY CONFER WITH THE TRANSPORTATION STANDARDS, THE ENGINEER/PERMITTEE SHALL IMMEDIATELY CONFER WITH THE DEPARTMENT'S ENGINEER IN ORDER TO RESOLVE THE DISCREPANCY. IN NO CASE WILL ANYTHING LESS THAN THE DEPARTMENTS MINIMUM STANDARDS BE ALLOWED.
3. ALL TRAFFIC STRIPING AND MARKINGS ARE TO BE LEAD-FREE, NON-SOLVENT BASED THERMOPLASTIC.
4. ALL DISTURBED AREA WITHIN THE RIGHT-OF-WAY WILL BE RESTORED TO ORIGINAL OR BETTER CONDITION BY GRADING AND SODDING IN AREA DISTURBED.
5. ALL ROADWAY PAVEMENT, CURBS,GUTTERS AND STORM WATER COLLECTORS WILL BE KEPT FREE OF MUD AND OTHER DEBRIS AT ALL TIMES DURING CONSTRUCTION.
6. BURNING OF ANY MATERIAL OR DEBRIS IS PROHIBITED IN GENERAL RIGHT-OF-WAY.
7. ALL LANES MUST BE OPENED FOR TRAFFIC DURING AN EVACUATION NOTICE OF A CATASTROPHIC EVENT AND SHALL REMAIN OPEN FOR THE DURATION OF THE EVACUATION OR EVENT.
8. THE CONTRACTOR SHALL NOTIFY JURISDICTION PRIOR TO BEGINNING ANY CONSTRUCTION WITHIN GENERAL RIGHT-OF-WAY AS PER ISSUED PERMIT.
9. ALL AREAS WITHIN GENERAL R/W DISTURBED BY CONSTRUCTION SHALL BE RE-GRADED AND SODDED WITH LIKE-KIND SOD WITHIN (7) DAYS.

1.0 SCOPE OF WORK

1.1 THIS PROJECT SHALL CONSIST OF THE FOLLOWING OPERATIONS:

THE WORK PACKAGE IS FOR THE INSTALLATION OF FLOCK SAFETY ALPR CAMERAS WHICH INCLUDES BUT IS NOT LIMITED TO: FLOCK SAFETY PROVIDED POLES, POLE MOUNTED SOLAR PANELS, AND EXTERNAL BATTERY PACKAGES.

2.0 DRAWINGS

2.1 THE WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE FOLLOWING ATTACHED DRAWINGS THAT ARE HEREBY MADE A PART OF THE STATEMENT OF WORK, BY THIS REFERENCE.

2.2 INSTALLER SHALL RECEIVE FLOCK SAFETY MATERIALS AT A FLOCK SAFETY LEASED WAREHOUSE FACILITY OR AT THE LOCAL TSO LOCATED AT (CONTACT 24 HOURS IN ADVANCE): 1170 HOWELL MILL RD NW, ATLANTA, GA 30318.

ALL UNUSED AND REQUESTED SALVAGED MATERIAL TO BE RETURNED TO SAME ADDRESS.

2.3 THE RECEIPT OF ALL MATERIALS SHALL BE CONSTRUED AS CONCLUSIVE EVIDENCE THAT THE INSTALLER HAS MADE ALL NECESSARY EXAMINATION AND INSPECTIONS, AND IS SATISFIED AS TO THE QUALITY AND QUANTITY OF MATERIALS RECEIVED.

2.4 ANY AND ALL MATERIALS THAT MAY BECOME LOST, STOLEN OR DAMAGED SHALL BE REPLACED BY THE INSTALLER AT HIS SOLE EXPENSE, AND ANY DELAY INCURRED SHALL NOT BE CAUSE FOR AN EXTENSION IN TIME.

2.5 ALL UNUSED MATERIALS SUPPLIED BY FLOCK SAFETY BUT NOT USED IN THE COMPLETION OF WORK SHALL BE RETURNED TO FLOCK SAFETY FOURTEEN (14) DAYS AFTER INSTALL COMPLETION. FLOCK SAFETY WILL ARRANGE FOR THE TRANSPORTATION OF THESE MATERIALS.

3.0 PERMITS

3.1 FLOCK SAFETY HAS OBTAINED OR WILL OBTAIN PERMITS FROM DEPARTMENTS AND/OR AGENCIES OF CITIES, COUNTIES, STATES, FEDERAL GOVERNMENT, RAILROAD OR OTHER ENTITIES, WHICH PROVIDE FOR THE PLACING OF PIPES AND/OR CABLE UNDER DITCH, TRACKS AND ROADS AND PLACING PIPES AND/OR CABLE ALONG AND WITHIN PUBLIC OR PRIVATE ROAD RIGHTS OF WAY AND RAILROAD RIGHTS.

3.2 CONTRACTOR SHALL OBTAIN ADDITIONAL PERMITS, IF REQUIRED, FOR EQUIPMENT ACCESS OR MOVEMENT ON PUBLIC ROADS AND RAILROADS. COPIES OF SUCH PERMITS SHALL BE FURNISHED TO FLOCK SAFETY.

3.3 ALL TRAFFIC CONTROL, IF APPLICABLE, SHALL BE IN ACCORDANCE WITH LOCAL, STATE, COUNTY, OR PERMITTING AGENCY LAWS, REGULATIONS, AND REQUIREMENTS, AND WILL BE THE INSTALLER'S RESPONSIBILITY. TRAFFIC CONTROL PLANS PROVIDED BY CURRENT GENERAL DESIGN STANDARDS.

4.0 SAFETY AND PRECAUTIONS

4.1 ALL PERSONNEL ARE REQUIRED TO ABIDE BY ALL RULES AND REGULATIONS SET FORTH IN THE FLOCK SAFETY REQUIREMENTS, RAILROAD SAFETY CODE AND GOVERNING JURISDICTION.

4.2 THE WORK UNDER THIS INSTALLATION WILL BE CONSTRUCTED ALONG RIGHTS OF WAY THAT MAY CONTAIN EXISTING AND OPERATIONAL UTILITIES. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR LOCATING EXISTING UTILITIES AND FOR COMPLIANCE WITH THE REQUIREMENTS OF ANY STATEWIDE AND/OR LOCAL AREA IN ADVANCE OF ANY EXCAVATION, BORING OR PLACING WORK AND THE CONTRACTOR SHALL LOCATE AND EXPOSE BY HAND ALL EXISTING SUBSURFACE PLANT. ANY DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT HIS SOLE EXPENSE AND ANY DELAY INCURRED SHALL NOT BE CAUSE FOR AN EXTENSION IN THE TIME OF THE CONTRACT.

4.3 INSTALLER SHALL BE RESPONSIBLE FOR THE PROTECTION AND MAINTENANCE OF PUBLIC AND PRIVATE PROPERTIES. INSTALLER SHALL PROTECT, SHORE, BRACE, SUPPORT AND MAINTAIN ALL UNDERGROUND PIPES, CONDUITS, DRAINS AND OTHER SUBSURFACE STRUCTURES UNCOVERED OR OTHERWISE AFFECTED BY THE WORK.

4.4 INSTALLER SHALL BE RESPONSIBLE FOR ALL DAMAGE TO STREETS, ROADS, HIGHWAYS, SHOULDERS, DITCHES, EMBANKMENTS, CULVERTS, BRIDGES OR OTHER PUBLIC OR PRIVATE PROPERTY OR FACILITY, REGARDLESS OF LOCATION OR CHARACTER, WHICH MAY BE CAUSED BY THE WORK, OR BY MOVING, HAULING, OR OTHERWISE TRANSPORTING EQUIPMENT, MATERIALS OR WORKERS TO OR FROM WORK OR ANY SITE THEREOF, WHETHER BY THE CONTRACTOR OR SUBCONTRACTORS.

4.5 DURING ALL PHASES OF CONSTRUCTION, THE INSTALLER SHALL MAINTAIN WORK AREAS IN A NEAT AND ORDERLY MANNER. CONSTRUCTION EQUIPMENT, MATERIAL AND SUPPLIES THAT ARE STORED ON THE RIGHT OF WAY SHALL NOT RESTRICT ACCESS TO SUCH RIGHT OF WAY OR THE RIGHT OF WAY ITSELF.

5.0 SECURITY

5.1 INSTALLER IS RESPONSIBLE FOR ALL SECURITY REQUIRED TO PROTECT HIS WAREHOUSE, LAYDOWN, AND STAGING AREA AND THE USE OF OUTSIDE PLANT WORK. SECURITY SHALL ALSO INCLUDE TRAFFIC CONTROL WHERE REQUIRED INCLUDING THE USE OF OFF DUTY POLICE OFFICERS.

6.0 STAKING AND SCHEDULING

6.1 ALL STAKING WILL BE PROVIDED BY FLOCK SAFETY. REQUIRED RIGHT OF WAY CLEARING SHALL BE COMPLETED PRIOR TO STAKING: THEREFORE, THE INSTALLER SHALL COORDINATE ALL CLEARING AND PLACING OPERATIONS WITH THE FLOCK SAFETY PROJECT SUPERVISOR TO AVOID DELAYS AND INTERFERENCE.

6.2 FLOCK SAFETY WILL PROVIDE RAILROAD, FLAGMEN AND SIGNALMEN AS REQUIRED; HOWEVER, THE CONTRACTOR SHALL BE REQUIRED TO COORDINATE ITS NEEDS FOR SUCH SIGNALMEN AND FLAGMEN WITH FLOCK SAFETY.

6.3 IN ADDITION TO THE SCHEDULING REQUIREMENTS IN THE GENERAL PROVISIONS, UPON REQUEST THE CONTRACTOR SHALL ALSO SUBMIT TO THE FLOCK SAFETY PROJECT SUPERVISOR, DAILY CREW ASSIGNMENT REPORTS SPECIFYING CREW AND CREW COMPOSITION AND WORK LOCATION.

7.0 SPECIAL CONSIDERATIONS

7.1 IN THE EVENT OF HIRING A CONTRACTOR; DURING THE BIDDING PROCESS THE CONTRACTOR SHOULD CONSIDER THE FOLLOWING ITEMS:

7.1.1 ALL WASTE AND/OR ABANDONED MATERIALS TO BE REMOVED SHALL BE DISPOSED OF AT A "RECOGNIZED DUMP FACILITY" IN THE AREA AS DESIGNATED BY THE LOCAL GOVERNING AUTHORITY.

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SANTA MARIA POLICE DEPARTMENT

111 W BETTERAVIA RD,
SANTA MARIA, CALIFORNIA
93455 UNITED STATES

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
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LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: 489307
PERMITTING JURISDICTION:
CITY OF SANTA MARIA

COVER SHEET & LOCATION MAPS

SHEET:	REV:
GN.01	0

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PROPOSED FLOCK EQUIPMENT ON EXISTING STREETLIGHT POLE

C001: GRANT ST @ RIVER RANCH DR - WB

34.97283688661087,-120.43447205488204

2' FROM EDGE OF PAVEMENT

*REFERENCE TYPICAL DETAIL ON SHEET SPEC.01

1

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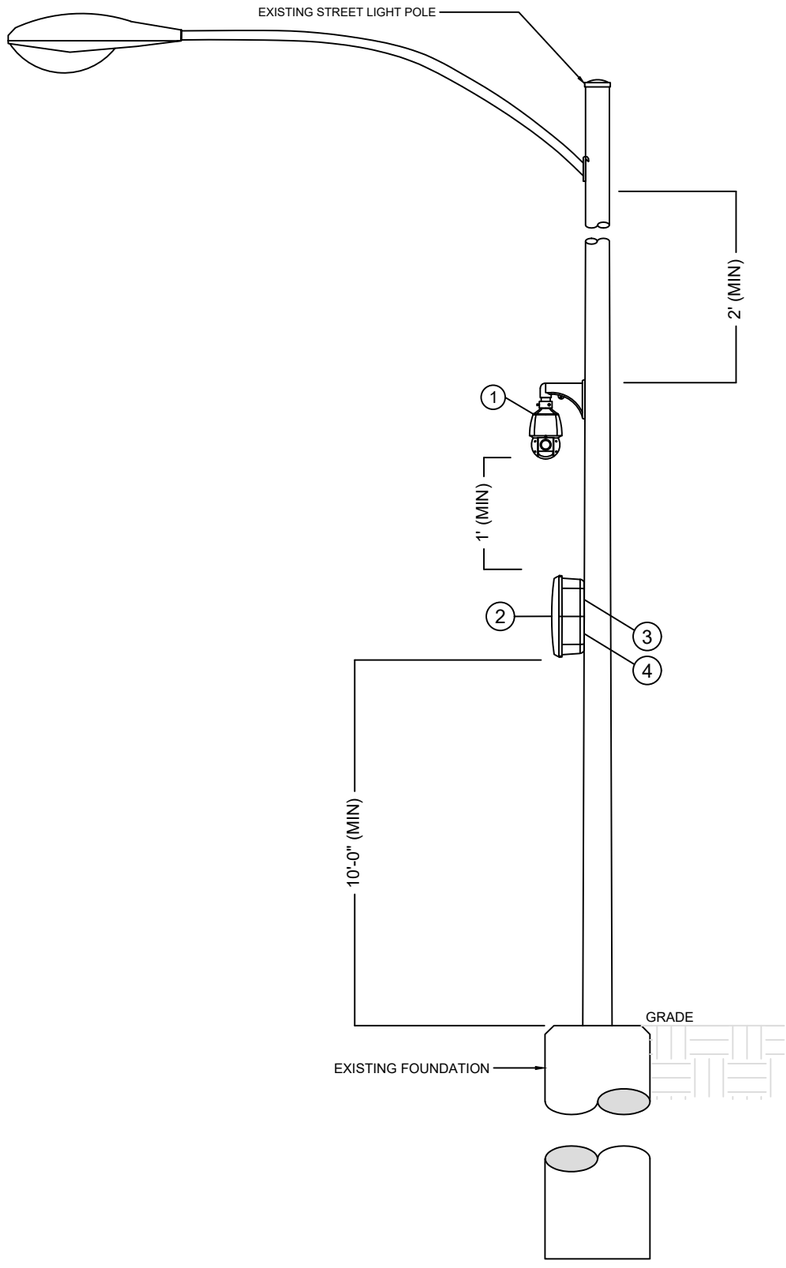
GENERAL & CONSTRUCTION NOTES

1. CONTRACTOR SHALL APPLY AND OBTAIN AN APPROVED TRAFFIC CONTROL PLAN IN ACCORDANCE WITH MUTCD AND LOCAL JURISDICTION STANDARDS.
2. CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO ORIGINAL SITE CONDITION TO THE SATISFACTION OF STATE DEPARTMENT OF TRANSPORTATION AND LOCAL JURISDICTION.
3. ALL WORK SHALL CONFORM TO APPLICABLE ELECTRICAL CODES EXCEPT WHEN STATE DEPARTMENT OF TRANSPORTATION OR LOCAL JURISDICTION STANDARDS SUPERSEDE.
4. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH SPECIFICATIONS DEFINED BY THE STATE DEPARTMENT OF TRANSPORTATION OR LOCAL JURISDICTION, UNLESS SPECIFICALLY STATED OR SHOWN OTHERWISE HEREIN.

ADA COMPLIANCE NOTES

1. ALL SIDEWALK CONSTRUCTION SHALL BE IN ACCORDANCE WITH ADA TITLE II, STATE DEPARTMENT OF TRANSPORTATION, AND LOCAL JURISDICTION STANDARDS,
2. STATE DEPARTMENT OF TRANSPORTATION CURRENT EDITION STANDARDS SHALL BE USED FOR PEDESTRIAN CONTROL PLANS WHEN CLOSURE OF SIDEWALK IS REQUIRED FOR CONSTRUCTION.
3. MINIMUM CLEAR PEDESTRIAN ACCESS ROUTE (PAR) SHALL BE 48" WIDE.
4. NO OBSTRUCTION IS PERMITTED ALONG THE WIDTH OF THE SIDEWALK. UP TO AN ELEVATION OD 7'-0" ABOVE GRADE.

ITEM NO.	PART NUMBER	DESCRIPTION	TOTAL WEIGHT (LB)	QTY.
1	IPC254EB-DX22GK-I0	WDR NETWORK IR BULLET CAMERA	5.0	1
2	704-00003	AVICORE ASSEMBLY	5.0	1
3	204-00082	POLE MOUNTING PLATE	1.76	1
4	204-00081	AVICORE MOUNTING PLATE	1.3	1



1 POLE ELEVATION DETAIL

SCALE: N/A

NOTE:
DRAWINGS BASED ON TYPICAL STREET LIGHT

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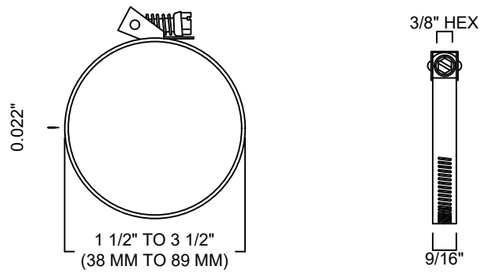
1

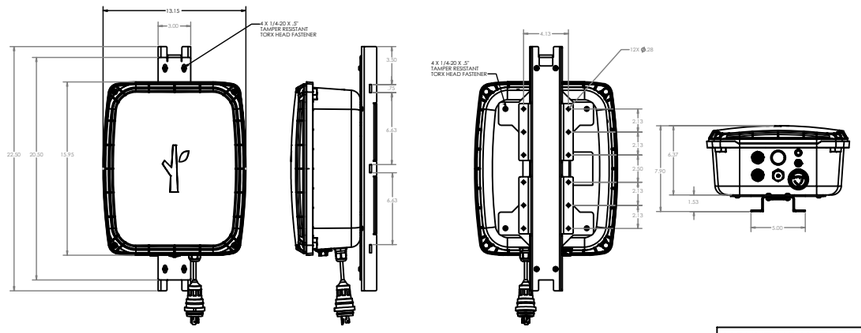


MCMASTER-CARR QUICK-RELEASE CLAMP FOR FIRM HOSE AND TUBE,
201 STAINLESS STEEL WITH 410 STAINLESS STEEL SCREW
130 MPH WIND RATING
PART NUMBER: 5322K58

MOUNTING CLAMP

NOTE: LARGER DIAMETER POLES WILL USE AN EQUIVALENT 201 STAINLESS STEEL STRAPPING CUT TO LENGTH.

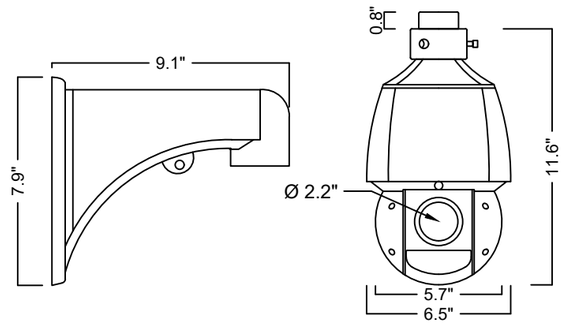
2



"AVICORE" ASSEMBLY

MOUNTING HARDWARE TO BE PROVIDED BY FLOCK SAFETY

3



FLOCK SAFETY "CONDOR" ASSEMBLY

MOUNTING HARDWARE TO BE PROVIDED BY FLOCK SAFETY

4 NOT USED

5 NOT USED

6 NOT USED

7 NOT USED

8 NOT USED

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GENERAL NOTES AND TRAFFIC DESIGN TABLES

1. TRAFFIC CONTROL PLAN SHALL CONFORM TO THE MOST CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (FHWA) AND STATE STANDARD PLANS.
2. ALL AFFECTED RESIDENTS, BUSINESSES, AGENCIES, AND SCHOOLS ACCESS SHALL BE MAINTAINED AT THE TIME OF INSTALLATION.
3. TEMPORARY NO PARKING SIGNS SHALL BE POSTED 48 HOURS PRIOR TO START OF WORK.
4. ALL CONFLICTING SIGNS, STRIPING OR PAVEMENT MARKINGS SHALL BE COVERED OR REMOVED AND REPLACED WHEN WORK IS COMPLETED.
5. TRAFFIC CONTROL THROUGH A SIGNALIZED INTERSECTION SHALL BE CONDUCTED BY A LOCAL JURISDICTION UNIFORMED POLICE OFFICER OR A COMMUNITY SERVICE OFFICER ONLY. SHOULD WORK REQUIRE A SIGNAL TO BE OVERRIDDEN, ARRANGEMENT SHALL BE MADE WITH THE POLICE DEPT WITHIN ITS JURISDICTION AND TRANSPORTATION ENGINEERING DEPT AT LEAST 14 DAYS PRIOR TO START OF WORK.

Table A - Recommended Advance Warning Sign Spacing

Posted Speed	Distance Between Signs **		
	A	B	C
Urban 25 mph or less***	100	100	100
Urban more than 25 mph to 40 mph***	250	250	250
Urban more than 40 mph***	350	350	350
Rural	500	500	500
Expressway/Freeway	1,000	1,500	2,640

** Distances are shown in feet. **The column headings A, B, and C are the dimensions shown on drawings No. 1-48.** The A dimension is the distance from the transition or point of restriction to the first sign. The B dimension is the distance between the first and second signs. The C dimension is the distance between the second and third signs. (The "first sign" is the sign in a three-sign series that is closest to the TTC zone. The third sign is one in a three sign series encountered by a driver/motorist approaching a TTC zone).

*** **Posted speed limit, off-peak 85th percentile speed prior to work starting, or the anticipated operating speed in mph.**

Table B - Taper Length Criteria for Temporary Traffic Control Zones

Type of Taper	Taper Length (L)
Merging Taper	at least L
Shifting Taper	at least 0.5L
Shoulder Taper	at least 0.33L
One-Lane, Two-Way Traffic Taper	50 feet minimum, 100 feet maximum
Downstream taper	50 feet min., 100 feet max. per lane

Table C - Formulas for Determining Taper Lengths

Speed Limit	Taper Length (L) Feet
40 mph or less	$L = WS^2/60$
45 mph or more	$L = WS$

Where: L = taper length in feet
W = width of offset feet
S = posted speed limit, or off peak 85th- percentile speed prior to work starting. Or the anticipated operating speed in mph

Table D – Longitudinal Buffer Space or Flagger Station Spacing on Downgrades

Speed (mph)	% Downgrade (Buffer Space)			
	Level Road 0% (ft)	-3% (ft)	-6% (ft)	-9% (ft)
20	115	116	120	126
25	155	158	165	173
30	200	205	215	227
35	250	257	271	287
40	305	315	333	354
45	360	378	400	427
50	425	446	474	507
55	495	520	553	593
60	570	598	638	686
65	645	682	728	785
70	730	771	825	891

Table E – Taper Length Criteria for Temporary Traffic Control Zones (for 12 feet Offset Width)

Speed* S (mph)	Minimum Taper Length ** For Width of Offset 12 ft (W)			
	Merging L (ft)	Shifting L/2 (ft)	Shoulder L/3 (ft)	Down Stream (ft) ***
20	80	40	27	50
25	125	63	42	50
30	180	90	60	50
35	245	123	82	50
40	320	160	107	50
45	540	270	180	50
50	600	300	200	50
55	660	330	220	50
60	720	360	240	50
65	780	390	260	50
70	840	420	280	50

* **Posted Speed, off peak 85th percentile speed prior to work starting, or the anticipated operating speed.**

** **For other offsets use the following merging taper length formula for L:**
For speeds of (40 mph) or less ($L=WS^2/60$)
For speeds of (45 mph) or more ($L=WS$)

*** **Maximum downstream taper length is 100 feet.**

Channelizing Devices

Channelizing devices (cones, tubular markers, channelizers (CA), portable delineators, barricades, longitudinal channelizing devices, drums or vertical panels) are elements in a total system of temporary traffic control for use during construction and maintenance operations. These elements shall be preceded by a subsystem of warning devices, adequate in size, number and placement for the type of roadway on which the work will take place. See CA MUTCD Figure 6F-7 and 6F-102(CA) for channelizing devices requirements (see page 23 and 24). All channelizing devices shall be crashworthy.

Channelizing devices can be used as follows:

1. To channel and/or divert traffic in advance of a temporary traffic control zone (work zone).
2. To define traffic lanes through the work zone.
3. To define a change in the position of the lanes around a work zone.
4. On detours to define curves and the edges of the roadway.
5. To separate opposing lanes of traffic.

Table F – Maximum Spacing of Channelizing Devices

Speed (mph)	Maximum Channelizer Spacing		
	Taper* (ft)	Tangent (ft)	Conflict** (ft)
20	20	40	10
25	25	50	12
30	30	60	15
35	35	70	17
40	40	80	20
45	45	90	22
50	50	100	25
55	55	110	27
60	60	120	30
65	65	130	32
70	70	140	35

* Maximum channelizer device spacing for all speeds on one-lane/two-way tapers is (20 ft). Maximum channelizer device spacing for all speeds on downstream tapers is (20 ft). All other tapers are as shown.

** Use on intermediate and short term projects for taper and tangent sections where there are no pavement markings or where there is a conflict between existing pavement markings and channelizers.

Note: A minimum 10-ft drivable lane width should be provided where possible.

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flock safety

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COVER SHEET & LOCATION MAPS

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California Temporary Traffic Control Handbook (CATTCH) - QUICK REFERENCE TABLE

Minimum Taper length / Minimum # of Channelizer Devices (Cones, Tubular Markers, etc.)

Maximum Channelizer Spacing (FT.)	MPH	WIDTH OF LANE OFFSET IN FEET (Shift From Normal Lane Width Due To Work Zone)														Minimum # of Channelizing Devices Shown In White	Minimum Taper Length "L" Shown in Grey
		5	6	7	8	9	10	11	12	13	14	15	16	17	18		
20	20	33	40	47	53	60	67	73	80	87	93	100	107	113	120		
		3	3	4	4	4	5	5	5	6	6	6	7	7	7		
25	25	52	63	73	83	94	104	115	125	135	146	156	167	177	188		
		4	4	4	5	5	6	6	6	7	7	8	8	9	9		
30	30	75	90	105	120	135	150	165	180	195	210	225	240	255	270		
		4	4	5	5	6	6	7	7	8	8	9	9	10	10		
35	35	102	123	143	163	184	204	225	245	265	286	306	327	347	368		
		4	5	6	6	7	7	8	8	9	10	10	11	11	12		
40	40	133	160	187	213	240	267	293	320	347	373	400	427	453	480		
		5	5	6	7	7	8	9	9	10	11	11	12	13	13		
45	45	225	270	315	360	405	450	495	540	585	630	675	720	765	810		
		6	7	8	9	10	11	12	13	14	15	16	17	18	19		
50	50	250	300	350	400	450	500	550	600	650	700	750	800	850	900		
		6	7	8	9	10	11	12	13	14	15	16	17	18	19		
55	55	275	330	385	440	495	550	605	660	715	770	825	880	935	990		
		6	7	8	9	10	11	12	13	14	15	16	17	18	19		
60	60	300	360	420	480	540	600	660	720	780	840	900	960	1020	1080		
		6	7	8	9	10	11	12	13	14	15	16	17	18	19		
65	65	325	390	455	520	585	650	715	780	845	910	975	1040	1105	1170		
		6	7	8	9	10	11	12	13	14	15	16	17	18	19		

Temporary Traffic Control Elements (4 Zones):

1. **Advance Warning Area** - Traffic is informed of what to expect.
2. **Transition Area** - Where traffic is diverted out of it's normal path (See above chart)
3. **Activity Area** is where work takes place - Work Space/Traffic Space/Buffer Space
4. **Termination Area** - Where traffic is returned to normal driving path.

Table A: ADVANCE WARNING SIGN SPACING

Road Type	Distance Between Signs (ft)		
	A	B	C
Urban - 25 mph or less	100	100	100
Urban - 30 mph to 40 mph	250	250	250
Urban - more than 40 mph	350	350	350
Rural	500	500	500
Expressway/Freeway	1000	1500	2640

TTC Sign Recommendations:

45 mph or greater = 48" Sign
40 mph or less = 36" Sign

Table C: FOR LENGTHS NOT SHOWN ABOVE

L= (WxS^2) / 60 for 40 mph or less
L = WxS for 45 mph or more

L = Minimum Length of Taper (feet)
W = Width of Offset (feet)
S = Speed Limit (mph)

Table B: Taper Length Criteria for Temporary Traffic Control Zones

Type of Tapers:	*Taper Lengths:*
1. Merging Taper	L Minimum
2. Shifting Taper	1/2 L Minimum
3. Shoulder Taper	1/3 L Minimum
4. One-Lane, Two-Way Traffic Taper	50-ft Min/100-ft Max
5. Downstream Taper	50-ft Min/100-ft Max per lane

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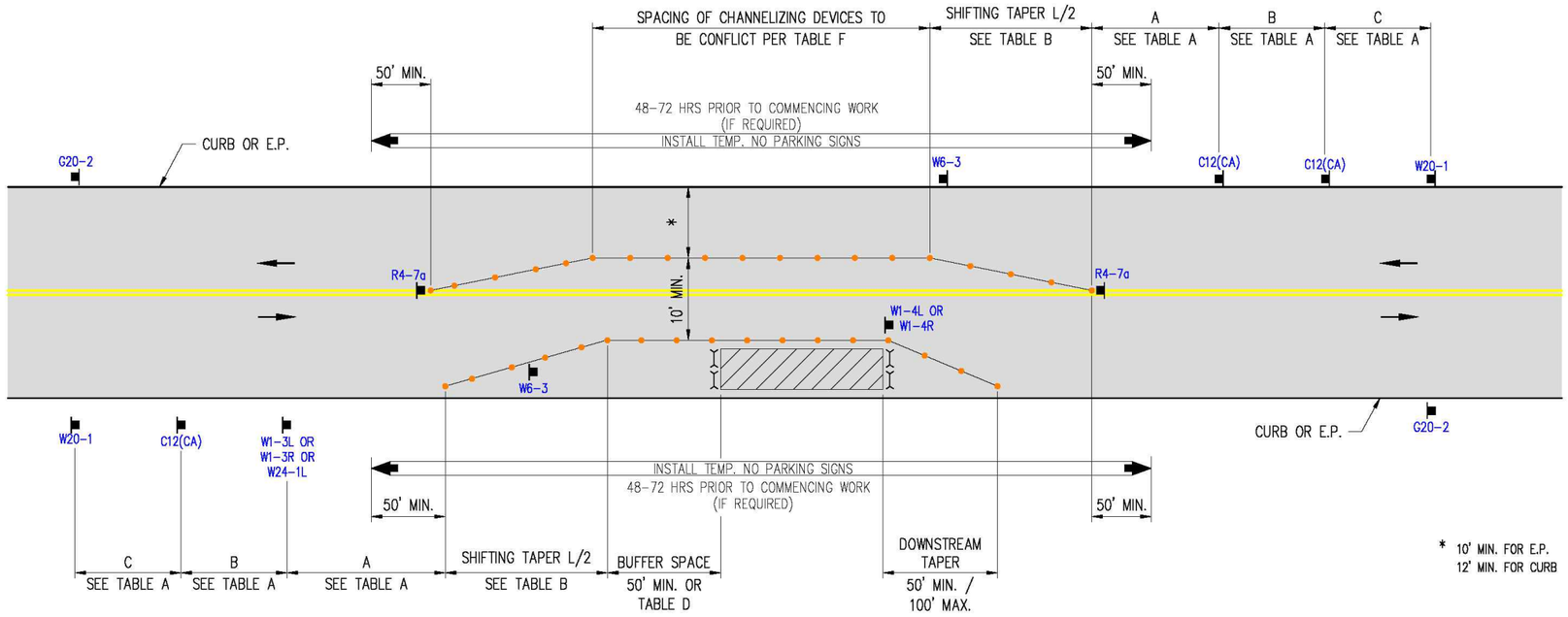

LEGEND

- TYPE III BARRICADE W/SIGN
- TYPE III BARRICADE W/O SIGN
- TYPE II BARRICADE W/SIGN
- TYPE II BARRICADE W/O SIGN
- CHANNELIZING DEVICE – **SEE TABLE F FOR SPACING**
- TRAFFIC CONE WITH CLIP ON SIGN
- SIGN
- (S) SIGNALIZED INTERSECTION
- [FAS] ARROW PANEL (FLASHING ARROW)
- HIGH LEVEL WARNING DEVICE (FLAGTREE) (OPTIONAL)
- FLAGGER
- TANS TOW AWAY NO STOPPING ___ TO ___ (SHOW HOURS)
- TANSAT TOW AWAY NO STOPPING ANY TIME
- WORK ZONE (ACTIVITY AREA) LIMITS
- DIRECTION OF TRAFFIC (NOT PAVEMENT MARKING)
- (A) ROADWAY DESIGNATION

W24-1L (USED FOR 30 MPH OR LESS OR WHERE THE TANGENT DISTANCE BETWEEN TWO REVERSE CURVES IS LESS THAN 600')
W1-3L (USED FOR 30 MPH OR LESS)
W1-3R (USED FOR 30 MPH OR LESS)
W1-4L (USED FOR 35 MPH OR MORE)
W1-4R (USED FOR 35 MPH OR MORE)

INDICATE NORTH WITH A "N" AND AN ARROW POINT NOT TO SCALE

DATES OF TEMPORARY NO PARKING ZONE

WORKSITE TRAFFIC CONTROL PLAN

SIDE OF ROAD WORK AREA TWO LANE TRAFFIC CONTROL WITH CENTERLINE

DATE | SCALE: NONE | DRAWING NO.: 2

REV. 3/26/2018 CJUTCM-DWG02.DWG

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111 W BETTERAVIA RD,
SANTA MARIA, CALIFORNIA
93455 UNITED STATES

COVER SHEET & LOCATION MAPS

SHEET:	REV:
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FLOCK SAFETY EQUIPMENT INSTALLATION

CASE NUMBER: 1081498

PERMITTING JURISDICTION:

CITY OF SANTA MARIA

STATE OF CALIFORNIA
CITY OF SANTA MARIA
ON BEHALF OF
SANTA MARIA POLICE DEPARTMENT

CONTACT LIST

PERMITTING

JEREMY HEUSLER
JEREMY.HEUSLER@FLOCKSAFETY.COM

PROJECT MANAGER

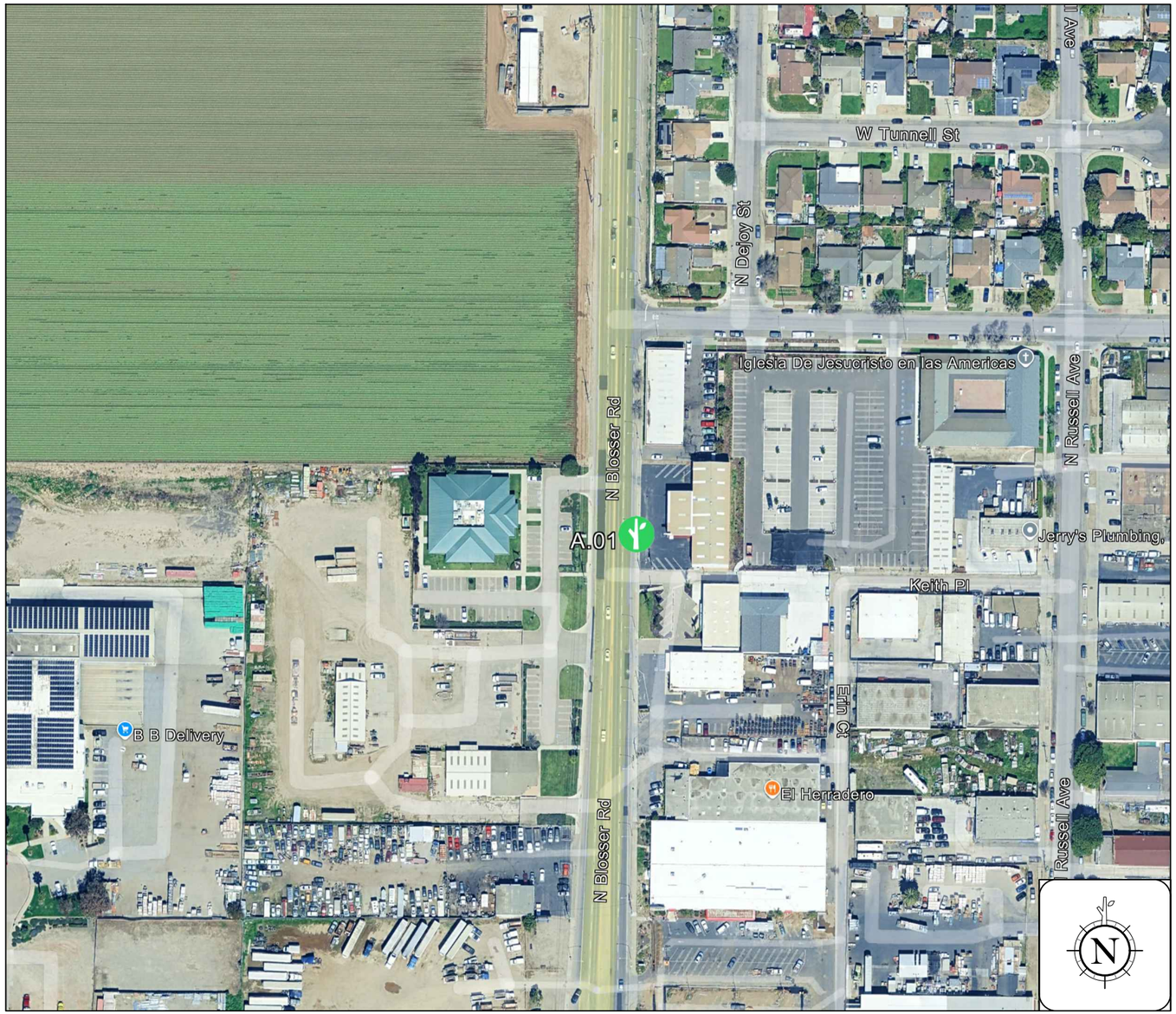
BOBBY SOKOLOWSKI
BOBBY.SOKOLOWSKI@FLOCKSAFETY.COM

*SEE APPROVED PERMIT FOR LISTED INSPECTOR**

DRAWING INDEX

T.01	COVER SHEET & LOCATION MAPS
T.02	SYMBOLOGY & ABBREVIATIONS
GN.01	GENERAL NOTES
A.01	PLAN DRAWINGS
SPEC.01 - SPEC.02	EQUIPMENT AND FOUNDATION DETAILS
TCP-GN.01	TRAFFIC CONTROL NOTES & TABLES
TCP.01	TRAFFIC CONTROL PLAN

811 SAFETY IS IN YOUR HANDS.
EVERY DIG. EVERY TIME.



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SANTA MARIA POLICE DEPARTMENT

111W BETTERAVIA RD
SANTA MARIA, CALIFORNIA 93455

flock safety
1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

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FLOCK SAFETY EQUIPMENT INSTALLATION

CASE NUMBER: 1081498
PERMITTING JURISDICTION:
CITY OF SANTA MARIA

COVER SHEET & LOCATION MAPS

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LINETYPES

R/W — R/W	RIGHT OF WAY
EOP — EOP	EDGE OF PAVEMENT
SW	SIDEWALK
C/L	CENTERLINE
GAS — GAS	GAS
WTR — WTR	WATER
COMM — COMM	TELEPHONE
ELEC — ELEC	ELECTRIC
SEW — SEW	SANITARY SEWER (SEW)
SD — SD	STORM DRAIN
X — X	FENCE / GUARDRAIL
UNK — UNK	UNKNOWN UTILITY
⊣⊢⊣⊢⊣⊢⊣⊢⊣⊢	RAILROAD

SYMBOLOGY

CAMERA - PROPOSED
CAMERA - EXISTING
AUDIO DETECTION - PROPOSED
AUDIO DETECTION - EXISTING
POLE - PROPOSED
POLE - EXISTING
HANDHOLE - EXISTING
HANDHOLE - PROPOSED
PEDESTAL - EXISTING
MANHOLE - EXISTING
POINT OF INTEREST
ACCESS POINT
CULVERT - EXISTING
FIRE HYDRANT - EXISTING
WATER MAIN - EXISTING
WATER VALVE - EXISTING
GAS VALVE - EXISTING
DOWN GUY AND ANCHOR
OVERHEAD GUY
BORING REQUIRED
UG CONDUIT - EXISTING

ABBREVIATIONS

ABAND	Abandoned
AASHTO	American Association of State Highway and Transportation Officials
ADA	Americans with Disabilities Act
ALPR	Automatic License Plate Reader
APPROX	Approximate
ASPH	Asphalt
BLDG	Building
CL	Centerline
CMP	Corrugated Metal Pipe
CO	County
CONC	Concrete
CSG	Casing
CT	Count
CULV	Culvert
DB	Directional Bore
DBH	Diameter at Breast Height
D.D.	Down Drain
DEPT	Department
DIA	Diameter
DIR	Directional
DIST	District
DOC	Depth of Cover
DOT	Department of Transportation
DWG	Drawing
DWY	Driveway
E MH	Electric Manhole
E MKR	Electric Line Marker
E PED	Electric Pedestal
E VLT	Electric Vault
EM	Electric Meter
ENC	Encased
ENG	Engineering
EOP	Edge of Pavement
EPB	Electric Pull Box
EXIST	Existing
FDH	Fiber Distribution Hub
FDT	Fiber Distribution Terminal
FH	Fire Hydrant
FO	Fiber Optic
FO MH	Fiber Optic Manhole
FO MKR	Fiber Optic Line Marker
FO VLT	Fiber Optic Vault
FOC	Face of Curb
FS	Filter Sock
G MH	Gas Manhole
G MKR	Gas Line Marker
G SD	Grated Storm Drain
GALV	Galvanized
GEO SRV MKR	Geodetic Survey Marker
GM	Gas Meter
GV	Gas Valve
GWMW	Groundwater Monitoring Well
HDPE	High Density Polyethylene
HH	Handhole
HWY	Highway
I.P.	Inlet Protection
ILA	In Line Amplifier
INC	Incorporated
INT	Intermediate
L/A ROW	Limited Access Right of Way
LF	Linear Feet
LOC MKR	Locating Marker
LP	Light Pole
LRFD	Load and Resistance Factor Design
MAX	Maximum
MB	Mailbox
MH	Manhole
MIN	Minimum
MIT	Mitigation
MKR	Marker
MMV	Meet Me Vault
MON	Monument
MOT	Maintenance of Traffic
NO	Number
OC	Open Cut
PRK MTR	Parking Meter
P/L	Property Line
PED	Pedestal
PI	Point of Inflection
PKG	Package
PVC	Polyvinyl Chloride
RCB	Reinforced Concrete Box
RCP	Reinforced Concrete Pipe
RD MEM	Roadside Memorial
REQD	Required
RGS	Rigid Galvanized Steel
ROW	Right of Way
RR	Railroad
SCB	Sprinkler Control Box
SD	Storm Drain/Curb Inlet
SDMH	Storm Water Manhole
SEC.	Section
SF	Silt Fence
SMH	Sanitary Sewer Manhole
SPL	Splice
SS CO	Sanitary Sewer Clean Out
SS LIFT	Sanitary Sewer Lift Station
STA.	Station
STD	Standard
STR	Section Township Range
SWPPP	Storm Water Pollution Prevention Plan
T HH	Telecom Handhole
T MH	Telecom Manhole
T MKR	Telecom Line Marker
T PED	Telecom Pedestal
T VLT	Telecom Access Vault
T.P.	Trench Plug
TCB	Traffic Control Box
TCE	Temporary Construction Easement
TCV	Traffic Control Vault
TRF MH	Traffic Control Manhole
TSO	The Stationery Office
TSP	Traffic Signal Light
TYP	Typical
UG	Underground
UNK MH	Unknown Manhole
UNK PED	Unknown Pedestal
UNK UTL MKR	Unknown Utility Marker
UNK VLT	Unknown Vault
UTL LP	Utility Light Pole
UTL P	Utility Pole
VLT	Vault
VP	Gas Vent Pipe
W MH	Water Manhole
W MKR	Water Line Marker
W SPG	Water Spigot
W VLT	Water Vault
WM	Water Meter
WV	Water Valve

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FLOCK SAFETY EQUIPMENT INSTALLATION

CASE NUMBER: 1081498
PERMITTING JURISDICTION:
CITY OF SANTA MARIA

COVER SHEET & LOCATION MAPS

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ALL CONSTRUCTION TO FOLLOW CITY OF SANTA MARIA GENERAL GUIDELINES. DO NOT SCALE DRAWINGS. CALL 811 PRIOR TO DIGGING.

GENERAL & CONSTRUCTION NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH STATE AND LOCAL AGENCY SPECIFICATIONS UNLESS SPECIFICALLY STATED OR SHOWN OTHERWISE HEREIN.
2. ALL WORK SHALL CONFORM TO ALL APPLICABLE ELECTRICAL CODES EXCEPT WHEN STATE DEPARTMENT OF TRANSPORTATION AND LOCAL AGENCY STANDARDS SUPERSEDE.
3. CONTRACTOR SHALL ENSURE ALL PROPOSED EQUIPMENT INSTALLED IS IN ACCORDANCE WITH NESC REQUIREMENTS AND CLEARANCES.
4. ALL CONSTRUCTION AND/OR MAINTENANCE ON THE CALIFORNIA DEPARTMENT OF TRANSPORTATION RIGHT OF WAY SHALL CONFORM TO THE FEDERAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), THE CALIFORNIA DEPARTMENT OF TRANSPORTATION ROADWAY AND TRAFFIC DESIGN STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, PLANS PREPARATION MANUAL AND DRAINAGE MANUAL.
5. THE PERMITTING AGENCY RESERVES THE RIGHT TO MAKE ADJUSTMENTS TO ANY PERMITTED METHODS OF INSTALLATION, SCOPE OF WORK AND RESTORATION THAT MAY BE REQUIRED TO POSITIVELY SUPPORT LIFE, SAFETY AND ENVIRONMENTAL WELL BEING OF ALL USERS OF THE TRANSPORTATION SYSTEM.
6. SHOULD A CONFLICT ARISE BETWEEN THE DETAILS SHOWN IN THE PLANS AND THE DEPARTMENT OF TRANSPORTATION STANDARDS, THE ENGINEER/PERMITTEE SHALL IMMEDIATELY CONFER WITH THE DEPARTMENT'S ENGINEER IN ORDER TO RESOLVE THE DISCREPANCY. IN NO CASE WILL ANYTHING LESS THAN THE DEPARTMENTS MINIMUM STANDARDS BE ALLOWED.
7. FLOCK SAFETY SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES 48 HOURS PRIOR TO CONSTRUCTION.

7.1. INSTALLS INVOLVING FLOCK SAFETY PROVIDED POLES, A MINIMUM OF 2' SEPARATION SHALL BE MAINTAINED FROM ALL EXISTING UTILITIES AND STORM DRAIN STRUCTURES.

8. THE PERMITTED WORK SCHEDULE IS DEFINED AS MONDAY THROUGH FRIDAY 7:00AM TO 5:30PM UNLESS OTHERWISE NOTED WITHIN THE PERMIT. ANY WORK DESIRED OUTSIDE OF THIS PERIOD MUST BE REQUESTED IN ADVANCE AND APPROVED BEFORE WORKING THE ALTERNATE SCHEDULE.
9. FLOCK SAFETY SHALL BE RESPONSIBLE TO APPLY AND OBTAIN AN APPROVED TRAFFIC CONTROL PLAN IN ACCORDANCE WITH MUTCD AND LOCAL STANDARDS AS REQUIRED.
10. WORK INVOLVING TEMPORARY LANE CLOSURES ARE TO BE DONE BETWEEN THE HOURS OF 8:00AM AND 5:00PM. MONDAY THROUGH FRIDAY UNLESS OTHERWISE STATED BY THE DEPARTMENT OF TRANSPORTATION.
11. CONTRACTOR SHALL PROVIDE SAFE ACCESS PER CURRENT GENERAL STANDARDS FOR ALL PEDESTRIAN TRAFFIC REGULATIONS ON ALL EXCAVATIONS OPENED IN THE TRAFFIC ZONE CONTROL AREA.
12. NO PEDESTRIAN PATHWAY IS TO BE REMOVED, BLOCKED, OR DISTURBED WITHOUT HAVING A SUFFICIENT DESIGNATED TEMPORARY PEDESTRIAN PATHWAY WITH ALL APPROPRIATE PEDESTRIAN MAINTENANCE OF TRAFFIC SIGNS IN PLACE PRIOR TO PATHWAY BEING AFFECTED.

12.1. ALL TEMPORARY PEDESTRIAN PATHWAYS MUST BE FIRM AND UNYIELDING.

13. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTY IN THE VICINITY OF THE CONSTRUCTION.
14. NO WORK SHALL BE PERFORMED DURING THE WEEKS OF ANY STATE OR FEDERAL HOLIDAYS UNLESS OTHERWISE APPROVED BY THE CALIFORNIA DEPARTMENT OF TRANSPORTATION.
15. ALL WORK ZONES ARE TO BE SET UP AND MAINTAINED BY SOMEONE WHO HAS THE CALIFORNIA DEPARTMENT OF TRANSPORTATION INTERMEDIATE TRAFFIC CONTROL LEVEL TRAINING OR EQUIVALENT.
16. THE PERMITTING AGENCY RETAINS THE RIGHT TO MAKE ALTERATIONS TO THE PERMIT, ATTACHED SKETCH OR CHARACTER OF WORK AS MAY BE CONSIDERED NECESSARY OR DESIRABLE DURING THE PROGRESS OF THE WORK FOR SATISFACTORY COMPLETION OF THE PROPOSED CONSTRUCTION.
17. THE PERMITTEE SHALL NOTIFY THE PERMITTING AGENCY OF DATE OF COMPLETION, REQUEST A FINAL INSPECTION AND A NOTICE OF FINAL ACCEPTANCE.
18. IF THE PROPOSED CANNOT BE INSTALLED PER THE APPROVED PERMITTED PLAN AND BY GENERAL SPECIFICATIONS, A REVISED PLAN MUST BE PROVIDED TO THE DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO THE INSTALLATION OF PRODUCTS OR MATERIALS AT THE GIVEN LOCATIONS WHERE CONFLICTS OCCUR.
19. CONTRACTOR SHALL RESTORE RIGHT-OF-WAY TO EQUAL OR BETTER CONDITION UPON COMPLETION OF WORK AND TO THE SATISFACTION OF THE STATE DEPARTMENT OF TRANSPORTATION AND LOCAL AGENCY AT NO ADDITIONAL COMPENSATION.

19.1. RESTORATION MAY INCLUDE BUT IS NOT LIMITED TO GRADING AND SODDING IN ANY DISTURBED AREA.

19.2. ANY SIDEWALK DISTURBED WILL BE REPLACED BY SECTION WITHIN 72 HOURS TO THE STATE DEPARTMENT OF TRANSPORTATION SPECIFICATIONS.

20. IT WILL BE THE RESPONSIBILITY OF THE PERMITTEE TO REPAIR ANY DAMAGE TO GENERAL FACILITIES AND/OR PRIVATE PROPERTY CAUSED BY CONSTRUCTION OF THE PROJECT.
21. ALL ROADWAY PAVEMENT, CURBS,GUTTERS AND STORM WATER COLLECTORS WILL BE KEPT FREE OF MUD AND OTHER DEBRIS AT ALL TIMES DURING CONSTRUCTION.
22. NO STOCKPILING, STORING OR SEMI PERMANENT USE OF THE RIGHT OF WAY IS AUTHORIZED UNLESS SPECIFICALLY IDENTIFIED WITHIN THE PERMIT.
23. THE CONTRACTOR SHALL HAVE AN AUTHORIZED PERSON AVAILABLE AT/OR NEAR THE WORK SITE TO ADDRESS EMERGENCY ISSUES ASSOCIATED WITH THE PROJECT.

ADA COMPLIANCE NOTES:

1. ALL SIDEWALK CONSTRUCTION SHALL BE IN ACCORDANCE WITH ADA TITLE II AND ALL STATE DEPARTMENT OF TRANSPORTATION AND LOCAL STANDARDS. USE STATE DEPARTMENT OF TRANSPORTATION CURRENT EDITION STANDARDS FOR PEDESTRIAN CONTROL PLANS FOR CLOSURE OF SIDEWALK.
2. MINIMUM SIDEWALK CLEAR PEDESTRIAN ACCESS ROUTE (PAR) IS 48" WIDE.
3. NO OBSTRUCTION IS PERMITTED ALONG THE WIDTH OF THE SIDEWALK UP TO 7'-0" IN HEIGHT.

DRAWINGS

1. THE WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE FOLLOWING ATTACHED DRAWINGS THAT ARE HEREBY MADE A PART OF THE STATEMENT OF WORK, BY THIS REFERENCE.

SPECIFICATIONS

1. THE WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE SPECIFICATIONS CONTAINED IN THAT CERTAIN "MASTER AGREEMENT, OUTSIDE PLANT MAINTENANCE CONSTRUCTION SERVICES," PROVIDED THAT SUCH AN AGREEMENT EXISTS BETWEEN FLOCK SAFETY AND CONTRACTOR. IN THE ABSENCE OF SUCH AN AGREEMENT, THE SPECIFICATIONS CONTAINED IN AN AGREEMENT TO BE EXECUTED BY THE PARTIES PRIOR TO THE COMMENCEMENT OF WORK SHALL GOVERN.

MATERIALS

1. INSTALLER SHALL RECEIVE FLOCK SAFETY MATERIALS AT A FLOCK SAFETY LEASED WAREHOUSE FACILITY OR AT THE LOCAL TSO LOCATED AT (CONTACT 24 HOURS IN ADVANCE): 1170 HOWELL MILL RD NW, ATLANTA, GA 30318.

1.1. ALL UNUSED AND REQUESTED SALVAGED MATERIAL TO BE RETURNED TO SAME ADDRESS.

2. THE RECEIPT OF ALL MATERIALS SHALL BE CONSTRUED AS CONCLUSIVE EVIDENCE THAT THE CONTRACTOR HAS MADE ALL NECESSARY EXAMINATION AND INSPECTIONS, AND IS SATISFIED AS TO THE QUALITY AND QUANTITY OF MATERIALS RECEIVED.
3. ANY AND ALL MATERIALS THAT MAY BECOME LOST, STOLEN OR DAMAGED SHALL BE REPLACED BY THE CONTRACTOR AT HIS SOLE EXPENSE, AND ANY DELAY INCURRED SHALL NOT BE CAUSE FOR AN EXTENSION IN TIME

SAFETY AND PRECAUTIONS

1. ALL PERSONNEL ARE REQUIRED TO ABIDE BY ALL RULES AND REGULATIONS SET FORTH IN THE FLOCK SAFETY REQUIREMENTS, RAILROAD SAFETY CODE AND GOVERNING JURISDICTION.
2. THE WORK UNDER THIS INSTALLATION WILL BE CONSTRUCTED ALONG RIGHTS OF WAY THAT MAY CONTAIN EXISTING AND OPERATIONAL UTILITIES. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR LOCATING EXISTING UTILITIES AND FOR COMPLIANCE WITH THE REQUIREMENTS OF ANY STATEWIDE AND/OR LOCAL AREA IN ADVANCE OF ANY EXCAVATION, BORING OR PLACING WORK AND THE CONTRACTOR SHALL LOCATE AND EXPOSE BY HAND ALL EXISTING SUBSURFACE PLANT. ANY DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT HIS SOLE EXPENSE AND ANY DELAY INCURRED SHALL NOT BE CAUSE FOR AN EXTENSION IN THE TIME OF THE CONTRACT.
3. INSTALLER SHALL BE RESPONSIBLE FOR THE PROTECTION AND MAINTENANCE OF PUBLIC AND PRIVATE PROPERTIES. INSTALLER SHALL PROTECT, SHORE, BRACE, SUPPORT AND MAINTAIN ALL UNDERGROUND PIPES, CONDUITS, DRAINS AND OTHER SUBSURFACE STRUCTURES UNCOVERED OR OTHERWISE AFFECTED BY THE WORK.
4. INSTALLER SHALL BE RESPONSIBLE FOR ALL DAMAGE TO STREETS, ROADS, HIGHWAYS, SHOULDERS, DITCHES, EMBANKMENTS, CULVERTS, BRIDGES OR OTHER PUBLIC OR PRIVATE PROPERTY OR FACILITY, REGARDLESS OF LOCATION OR CHARACTER, WHICH MAY BE CAUSED BY THE WORK, OR BY MOVING, HAULING, OR OTHERWISE TRANSPORTING EQUIPMENT, MATERIALS OR WORKERS TO OR FROM WORK OR ANY SITE THEREOF, WHETHER BY THE CONTRACTOR OR SUBCONTRACTORS.

STAKING AND SCHEDULING

1. ALL STAKING WILL BE PROVIDED BY FLOCK SAFETY. REQUIRED RIGHT OF WAY CLEARING SHALL BE COMPLETED PRIOR TO STAKING: THEREFORE, THE INSTALLER SHALL COORDINATE ALL CLEARING AND PLACING OPERATIONS WITH THE FLOCK SAFETY PROJECT SUPERVISOR TO AVOID DELAYS AND INTERFERENCE.
2. FLOCK SAFETY WILL PROVIDE RAILROAD, FLAGMEN AND SIGNALMEN AS REQUIRED; HOWEVER, THE CONTRACTOR SHALL BE REQUIRED TO COORDINATE ITS NEEDS FOR SUCH SIGNALMEN AND FLAGMEN WITH FLOCK SAFETY.
3. IN ADDITION TO THE SCHEDULING REQUIREMENTS IN THE GENERAL PROVISIONS, UPON REQUEST THE CONTRACTOR SHALL ALSO SUBMIT TO THE FLOCK SAFETY PROJECT SUPERVISOR, DAILY CREW ASSIGNMENT REPORTS SPECIFYING CREW AND CREW COMPOSITION AND WORK LOCATION.

PERMITS

1. FLOCK SAFETY HAS OBTAINED OR WILL OBTAIN PERMITS FROM DEPARTMENTS AND/OR AGENCIES OF CITIES, COUNTIES, STATES, FEDERAL GOVERNMENT, RAILROAD OR OTHER ENTITIES, WHICH PROVIDE FOR THE PLACING OF PIPES AND/OR CABLE UNDER DITCH, TRACKS AND ROADS AND PLACING PIPES AND/OR CABLE ALONG AND WITHIN PUBLIC OR PRIVATE ROAD RIGHTS OF WAY AND RAILROAD RIGHTS.
2. CONTRACTOR SHALL OBTAIN ADDITIONAL PERMITS, IF REQUIRED, FOR EQUIPMENT ACCESS OR MOVEMENT ON PUBLIC ROADS AND RAILROADS. COPIES OF SUCH PERMITS SHALL BE FURNISHED TO FLOCK SAFETY. ALL TRAFFIC CONTROL, IF APPLICABLE, SHALL BE IN ACCORDANCE WITH LOCAL, STATE, COUNTY, OR PERMITTING AGENCY LAWS, REGULATIONS, AND REQUIREMENTS, AND WILL BE THE CONTRACTOR'S RESPONSIBILITY. TRAFFIC CONTROL PLANS PROVIDED BY CURRENT CALIFORNIA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS.

SCOPE OF WORK

1. THIS PROJECT SHALL CONSIST OF THE FOLLOWING OPERATIONS: THE WORK PACKAGE IS FOR THE INSTALLATION OF FLOCK SAFETY EQUIPMENT WHICH INCLUDES BUT IS NOT LIMITED TO: FLOCK SAFETY PROVIDED POLES, POLE MOUNTED SOLAR PANELS, AND EXTERNAL BATTERY PACKAGES.

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SANTA MARIA POLICE DEPARTMENT

111W BETTERAVIA RD
SANTA MARIA, CALIFORNIA 93455

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

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LOCATION INFORMATION

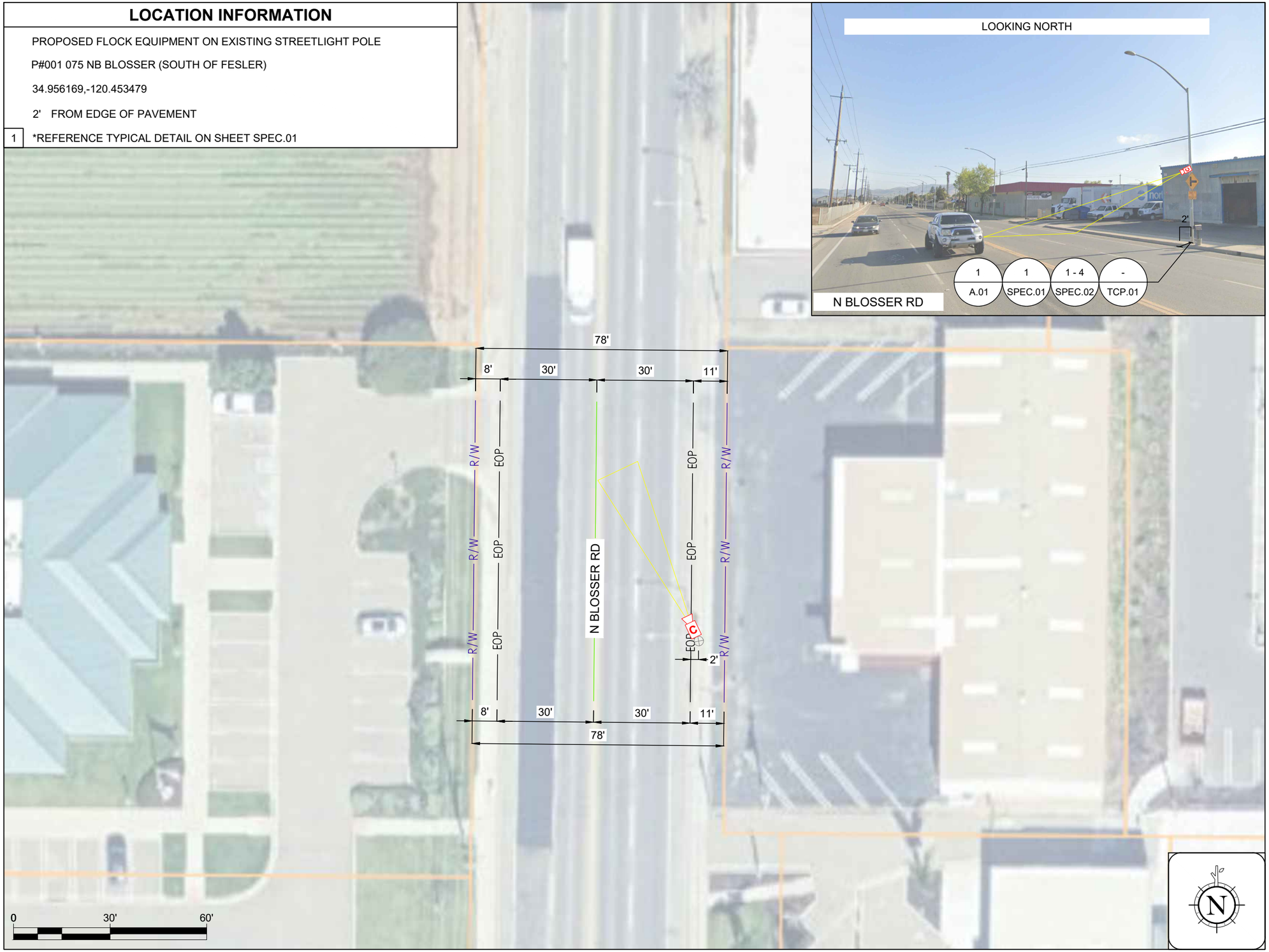
PROPOSED FLOCK EQUIPMENT ON EXISTING STREETLIGHT POLE

P#001 075 NB BLOSSER (SOUTH OF FESLER)

34.956169,-120.453479

2' FROM EDGE OF PAVEMENT

1 *REFERENCE TYPICAL DETAIL ON SHEET SPEC.01



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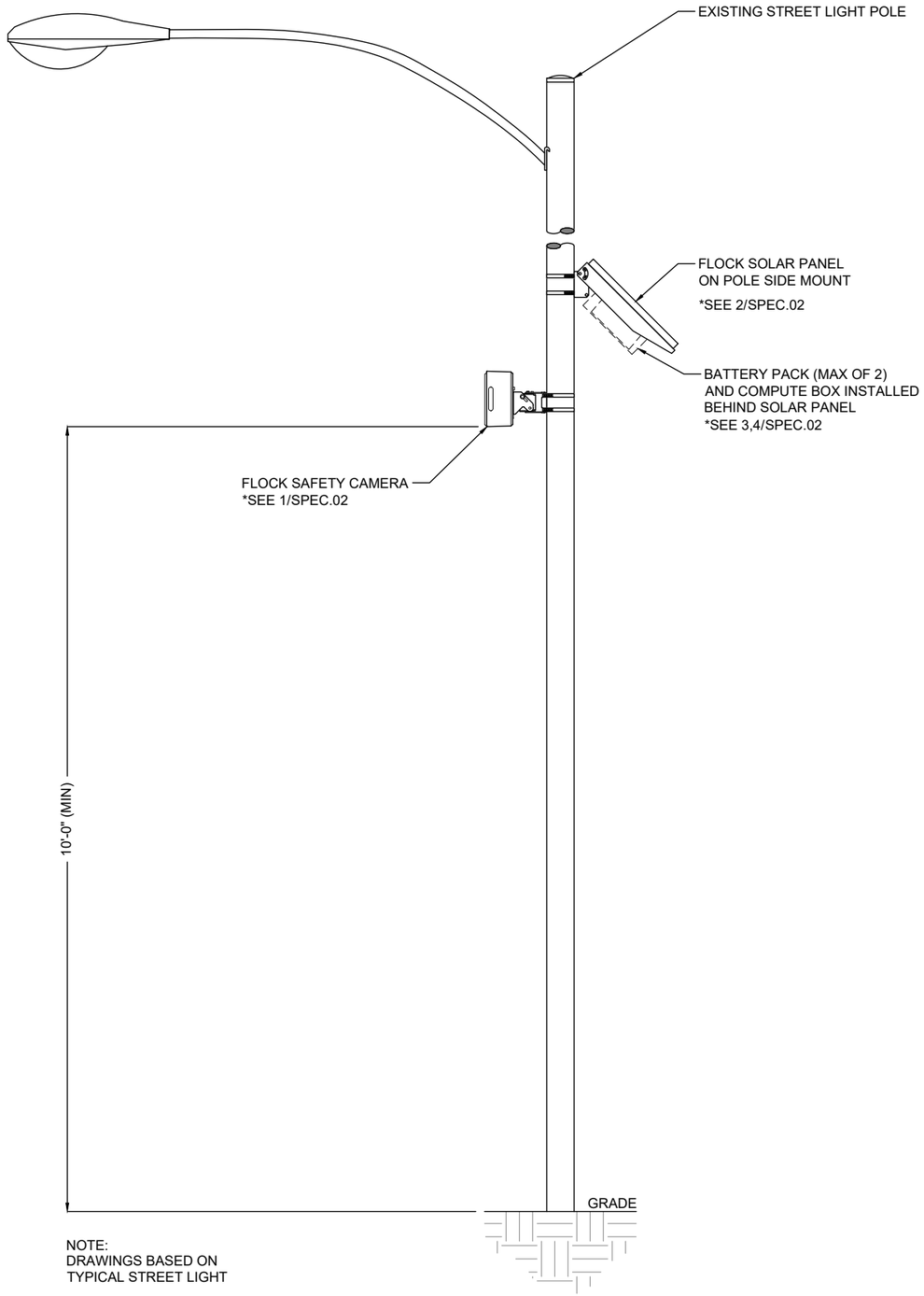

NOTE:
DRAWINGS BASED ON
TYPICAL STREET LIGHT

1 POLE ELEVATION DETAIL
SCALE: N/A

GENERAL & CONSTRUCTION NOTES

1. CONTRACTOR SHALL APPLY AND OBTAIN AN APPROVED TRAFFIC CONTROL PLAN IN ACCORDANCE WITH MUTCD AND LOCAL JURISDICTION STANDARDS.
2. CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO ORIGINAL SITE CONDITION TO THE SATISFACTION OF STATE DEPARTMENT OF TRANSPORTATION AND LOCAL JURISDICTION.
3. ALL WORK SHALL CONFORM TO APPLICABLE ELECTRICAL CODES EXCEPT WHEN STATE DEPARTMENT OF TRANSPORTATION OR LOCAL JURISDICTION STANDARDS SUPERSEDE.
4. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH SPECIFICATIONS DEFINED BY THE STATE DEPARTMENT OF TRANSPORTATION OR LOCAL JURISDICTION, UNLESS SPECIFICALLY STATED OR SHOWN OTHERWISE HEREIN.

ADA COMPLIANCE NOTES

1. ALL SIDEWALK CONSTRUCTION SHALL BE IN ACCORDANCE WITH ADA TITLE II, STATE DEPARTMENT OF TRANSPORTATION, AND LOCAL JURISDICTION STANDARDS,
2. STATE DEPARTMENT OF TRANSPORTATION CURRENT EDITION STANDARDS SHALL BE USED FOR PEDESTRIAN CONTROL PLANS WHEN CLOSURE OF SIDEWALK IS REQUIRED FOR CONSTRUCTION.
3. MINIMUM CLEAR PEDESTRIAN ACCESS ROUTE (PAR) SHALL BE 48" WIDE.
4. NO OBSTRUCTION IS PERMITTED ALONG THE WIDTH OF THE SIDEWALK. UP TO AN ELEVATION OD 7'-0" ABOVE GRADE.

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I HEARBY CERTIFY THIS DOCUMENT WAS PREPARED BY MYSELF OR UNDER MY DIRECT SUPERVISION THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF CALIFORNIA.

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FLOCK SAFETY EQUIPMENT INSTALLATION

CASE NUMBER: 1081498
PERMITTING JURISDICTION:
CITY OF SANTA MARIA

COVER SHEET & LOCATION MAPS

SHEET:	REV:
SPEC.01	0

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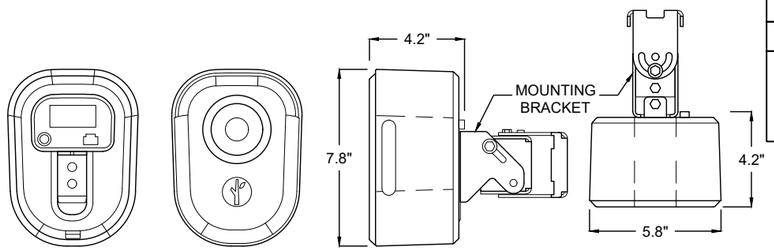
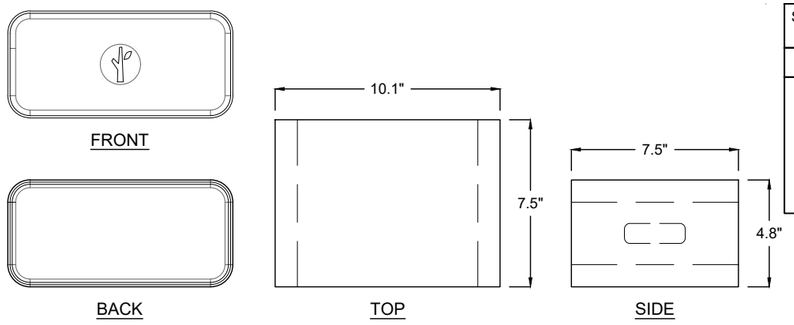
ALL CONSTRUCTION TO FOLLOW CITY OF SANTA MARIA GENERAL GUIDELINES. DO NOT SCALE DRAWINGS. CALL 811 PRIOR TO DIGGING.



SUPPLIED BY FLOCK SAFETY MODEL 706-0002
WEIGHT: 3.5 LB
MOUNTING HARDWARE: MCMASTER-CARR QUICK-RELEASE CLAMP PART #: 5322K58 OR AN APPROVED EQUIVALENT

1 FLOCK SAFETY CAMERA

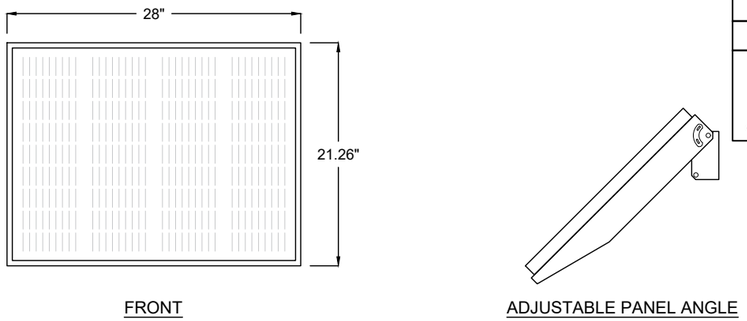
SCALE: N/A



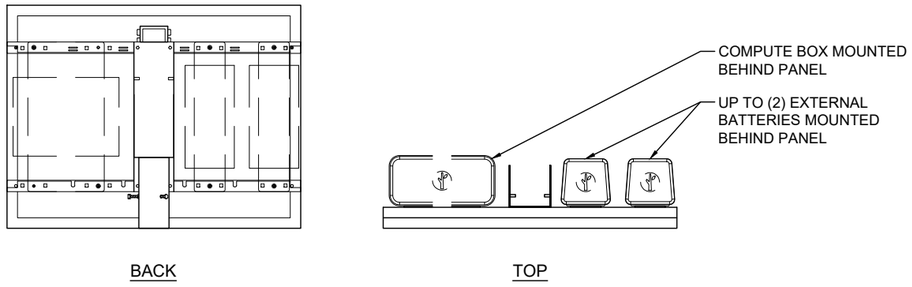
SUPPLIED BY FLOCK SAFETY MODEL 705-0002
WEIGHT: 4.6 LB
MOUNTING HARDWARE: FLOCK MOUNTING BRACKET MODEL 204-00102 MCMASTER-CARR QUICK-RELEASE CLAMP PART #: 5322K58 OR AN APPROVED EQUIVALENT

4 FLOCK COMPUTE BOX

SCALE: N/A

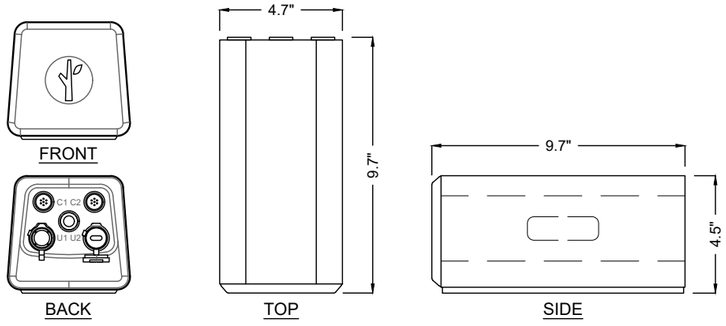


SUPPLIED BY FLOCK SAFETY MODEL 702-00079
WEIGHT: 18 LB
MOUNTING HARDWARE: MCMASTER-CARR QUICK-RELEASE CLAMP PART #: 5322K58 OR AN APPROVED EQUIVALENT



2 65 WATT SOLAR PANEL AND MOUNT ASSEMBLY (SIDE MOUNTED)

SCALE: N/A



SUPPLIED BY FLOCK SAFETY MODEL 705-0002
WEIGHT: 5.9 LB
MOUNTING HARDWARE: FLOCK MOUNTING BRACKET MODEL 204-00101 MCMASTER-CARR QUICK-RELEASE CLAMP PART #: 5322K58 OR AN APPROVED EQUIVALENT

3 FLOCK EXTERNAL BATTERY

SCALE: N/A

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SANTA MARIA POLICE DEPARTMENT

111W BETTERAVIA RD
SANTA MARIA, CALIFORNIA 93455

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
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0	06/11/2025	JL	PRELIM

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FLOCK SAFETY EQUIPMENT INSTALLATION

CASE NUMBER: 1081498
PERMITTING JURISDICTION:
CITY OF SANTA MARIA

COVER SHEET & LOCATION MAPS

SHEET:	REV:
SPEC.02	0

THIS DOCUMENT HAS BEEN DRAWN BASED OFF THE MOST RECENT AVAILABLE DATA & AERIAL IMAGERY. THIS INCLUDES RIGHT OF WAY, EXISTING UTILITIES, & PRIVATE PROPERTY LINES. IT REMAINS THE RESPONSIBILITY OF OTHERS TO VERIFY ALL DATA PRIOR AND EXISTING SURRONDING FACILITIES TO VERIFY & CONFLICTS ABOVE & BELOW GRADE.
ALL CONSTRUCTION TO FOLLOW CITY OF SANTA MARIA GENERAL GUIDELINES. DO NOT SCALE DRAWINGS. CALL 811 PRIOR TO DIGGING.

GENERAL TCP NOTES & TABLES

GENERAL NOTES

1. ALL WORK AND MATERIALS SHALL COMPLY WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND CITY OF SANTA MARIA STANDARDS.
2. ALL STRIPING AND MARKINGS SHALL CONFORM TO THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND STANDARD SPECIFICATIONS.
3. TRAFFIC CONES SHALL NOT INTERFERE WITH EXISTING DRIVEWAYS, SCHOOL ZONES, OR BUS STOPS.
4. ALL TEMPORARY TRAVEL LANES SHALL BE A MINIMUM OF 10' WIDE.
5. FLASHING YELLOW BEACONS, TYPE "B", SHALL BE USED ON ALL W20-1 SIGNS AND ON ALL TYPE III BARRICADES GUARDING THE WORK OVERNIGHT.
6. ALL SIGNS SHALL BE REFLECTORIZED AND STANDARD SIZE.
7. ALL TUBULAR DELINEATORS AND CONES SHALL BE 28" MINIMUM HEIGHT, REFLECTORIZED AND MAINTAINED ERECT IN THE INDICATED POSITION AT ALL TIMES, AND SHALL BE REPAIRED, REPLACED, OR CLEANED AS NECESSARY TO PRESERVE THEIR APPEARANCE AND CONTINUITY, AND SHALL INCLUDE A 12" HIGH-INTENSITY REFLECTORIZED SLEEVE..
8. THE CONTRACTOR SHALL MAINTAIN, ON A CONTINUOUS BASIS, ALL SIGNS, DELINEATORS, BARRICADES, ETC., TO ENSURE PROPER FLOW AND SAFETY OF TRAFFIC DURING CONSTRUCTION.
9. THE CONTRACTOR SHALL HAVE SIGNS, DELINEATORS, BARRICADES, ETC., PROPERLY INSTALLED PRIOR TO COMMENCING CONSTRUCTION.
10. CONSTRUCTION OPERATIONS SHALL BE CONDUCTED IN SUCH A MANNER AS TO CAUSE AS LITTLE INCONVENIENCE AS POSSIBLE TO ABUTTING PROPERTY OWNERS.
11. ADDITIONAL TRAFFIC CONTROLS, TRAFFIC SIGNS OR BARRICADING MAY BE REQUIRED IN THE FIELD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PLACEMENT OF ANY ADDITIONAL DEVICES NECESSARY TO ASSURE THE SAFETY TO THE PUBLIC AT ALL TIMES DURING CONSTRUCTION.
12. SIDEWALK CLOSED SIGNS ARE TO BE PRESENT ANYTIME A PEDESTRIAN WALKWAY IS CLOSED.
13. WHERE IT HAS BEEN DETERMINED THAT THE ACCOMMODATION OF PEDESTRIANS WITH DISABILITIES IS NECESSARY, SIGNS SHALL BE MOUNTED AND PLACED IN ACCORDANCE WITH SECTION 4.4 OF THE “AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES (ADAAG)"
14. EXACT LOCATION AND TYPE OF CONSTRUCTION SIGNS SHALL BE DIRECTED BY THE CONTRACTOR BASED UPON CONSTRUCTION CONDITIONS.
15. MOVE DELINEATORS AND/OR CONES TO SIDEWALK DURING NON-WORKING HOURS. REMOVE BARRICADES ETC., FROM TRAVEL LANE.
16. REMOVE OR TURN OFF SIGNS DURING NON-WORKING HOURS.
17. ALL CONFLICTING LINES, EXISTING CURB PAINT, AND MARKINGS SHALL BE REMOVED BY WET SANDBLASTING OR OTHER APPROVED METHOD PRIOR TO INSTALLATION OF NEW/TEMPORARY STRIPING. ALL CONFLICTING RAISED PAVEMENT MARKERS SHALL BE REMOVED. PAVEMENT THAT IS DAMAGED DUE TO REMOVAL OF MARKERS SHALL BE REPAIRED TO THE SATISFACTION OF THE CITY ENGINEER AND/OR STATE INSPECTOR.
18. DIMENSIONS BASED ON RECORD DRAWINGS AND NOT A SURVEY.
19. TIME OF LANE CLOSURE TO BE IN ACCORDANCE WITH REQUIREMENTS OF JURISDICTION.
20. ADDITIONAL ADVANCED FLAGGERS MAY BE REQUIRED. FLAGGER SHOULD STAND IN A CONSPICUOUS PLACE, BE VISIBLE TO APPROACHING TRAFFIC. PLACE A MINIMUM OF FOUR CONES AT 40-FT INTERVAL IN ADVANCE OF FLAGGER STATION AS SHOWN.
21. TABLES AND SIGNAGE DISPLAYED SHALL COMPLY WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) CHAPTER 6.

TABLE 6B-1. RECOMMENDED ADVANCE WARNING SIGN MINIMUM SPACING

ROAD TYPE	DISTANCE BETWEEN SIGNS** (FT)		
	A	B	C
URBAN (LOW SPEED)*	100	100	100
URBAN (HIGH SPEED)*	350	350	350
RURAL	500	500	500
EXPRESSWAY/FREEWAY	1000	1500	2640

* SPEED CATEGORY TO BE DETERMINED BY THE HIGHWAY AGENCY OR OWNER OF SITE ROADWAYS OPEN TO PUBLIC TRAVEL.

** THE COLUMN HEADINGS A, B, AND C ARE THE DIMENSIONS SHOWN IN FIGURES 6P_1 THROUGH 6P_54 THE A DIMENSION IS THE DISTANCE FROM THE TRANSITION OR POINT OF RESTRICTION TO THE FIRST SIGN. THE B DIMENSION IS THE DISTANCE BETWEEN THE FIRST AND SECOND SIGNS. THE C DIMENSION IS THE DISTANCE BETWEEN THE SECOND AND THIRD SIGNS. (THE "FIRST SIGN" IS THE SIGN IN A THREE_SIGN SERIES THAT IS CLOSEST TO THE TTC ZONE. THE "THIRD SIGN" IS THE SIGN THAT IS FURTHEST UPSTREAM FROM THE TTC ZONE.)

TABLE 6B-2. STOPPING SIGHT DISTANCE AS A FUNCITON OF SPEED

SPEED* (MPH)	DISTANCE (FT)
20	115
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645
70	730
75	820

* POSTED SPEED, OFF_PEAK 85TH_PERCENTILE SPEED PRIOR TO WORK STARTING, OR THE ANTICIPATED OPERATING SPEED

TABLE 6B-3. TAPER LENGTH CRITERIA FOR TEMPORARY TRAFFIC CONTROL ZONES

TYPE OF TAPER	TAPER LENGTH
MERGING TAPER	AT LEAST L
SHIFTING TAPER	AT LEAST 0.5 L
SHOULDER TAPER	AT LEAST 0.33 L
ONE-LANE, TWO-WAY TRAFFIC TAPER	50 FT MINIMUM, 100 FT MAXIMUM
DOWNSTREAM TAPER	50 FT MINIMUM, 100 FT MAXIMUM

NOTE: USE TABLE 6B-4 TO CALCULATE L

TABLE 6B-4. FORMULAS FOR DETERMINING TAPER LENGTH

SPEED (S)	TAPER LENGTH (L) IN FT
40 MPH OR LESS	$L = \frac{WS^2}{60}$
45 MPH OR MORE	L = WS

WHERE: L = TAPER LENGTH IN FT
W = WIDTH OF OFFSET IN FT
S = POSTED SPEED LIMIT, OR OFF-PEAK 85TH-PERCENTILE SPEED PRIOR TO WORK STARTING, OR THE ANTICIPATED OPERATING SPEED IN MPH

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LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: 1081498
PERMITTING JURISDICTION:
CITY OF SANTA MARIA

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

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SANTA MARIA POLICE DEPARTMENT

111 BETTERAVIA RD,
SANTA MARIA, CA 93454

COVER SHEET & LOCATION MAPS

SHEET:	REV:
TCP-GN.01	0

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FLOCK LOCATION

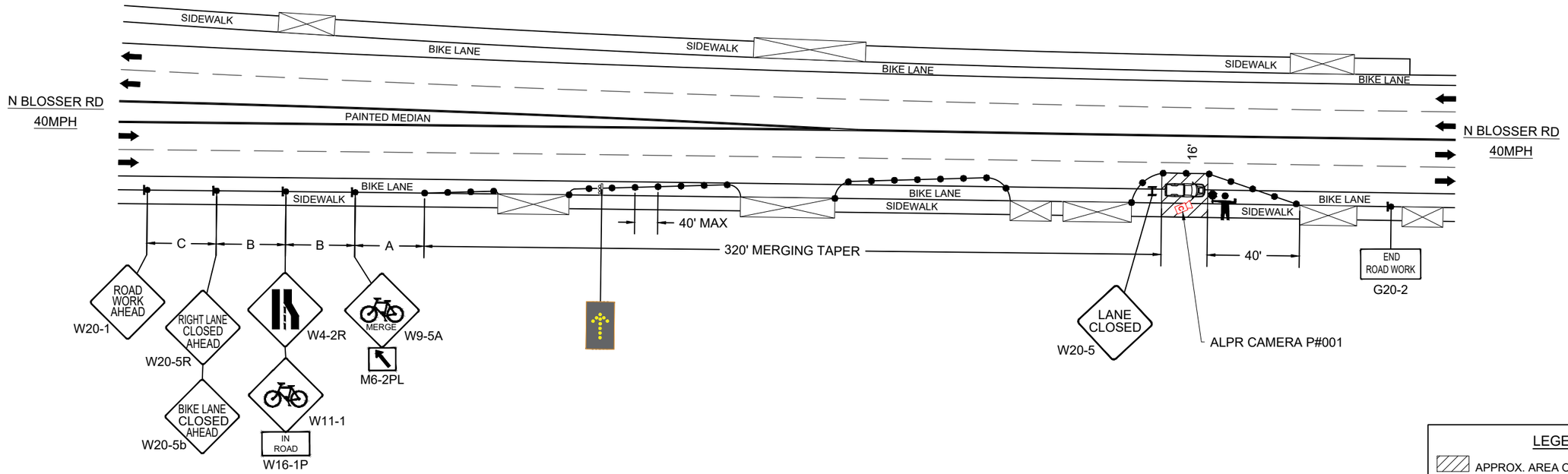
P#001 075 NB BLOSSER (SOUTH OF FESLER)

WORK AREA

01 OF 01

ADDRESS

328 N BLOSSER RD, SANTA MARIA, CA 93458-4220



LOCATION NOTES:

- ACCESS TO DRIVEWAYS IN WORK AREA MUST BE MAINTAIN AT ALL HOURS.
- NOTIFY PROPERTY OWNER(S) 72 HOURS PRIOR TO PERFORM ANY WORK RELATED ACTIVITY.
- CAMERA P#001 IS +/- 290' SOUTH OF THE C/L OF W FESLER ST.
- FLAGGER TO MAINTAIN MINIMUM 4' CLEARANCE ON SIDEWALK & ASSIST PEDESTRIAN THROUGH THE WORK AREA.

SCALE: 1"=50'

0 50' 100'

LEGEND

- APPROX. AREA OF WORK ZONE
- SIGN ON A TEMPORARY SUPPORT
- TYPE III BARRICADE AND TWO
- CHANNELIZING DRUM
- DIRECTION OF TRAFFIC
- FLASHING ARROW BOARD
- HEAVY WORK VEHICLE
- FLAGGER
- DRIVEWAY
- (S) SIGNALIZED INTERSECTIONS

TANSAT TOW AWAY NO STOPPING ANY TIME

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LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: 1081498
PERMITTING JURISDICTION:
CITY OF SANTA MARIA

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

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SANTA MARIA POLICE DEPARTMENT

111 BETTERAVIA RD,
SANTA MARIA, CA 93454

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PUBLIC IMPROVEMENT PERMIT ■ ENCROACHMENT PERMIT

PUBLIC WORKS ■ CITY OF SANTA MARIA
110 S. PINE ST #221 ■ SANTA MARIA, CA 93458 ■ PHONE (805) 925-0951, EXT. 2225

PERMIT NO.: ENC23-0279 DATE ISSUED: 9/18/2023

JOB ADDRESS:	APN:	REFERENCE:
215 E INGER DR	128-084-001	INSTALL FLOCK SAFETY CAMERA

APPLICANT

NAME: FLOCK SAFETY

ADDRESS: 1170 HOWELL MILL RD NW UNIT 210
ATLANTA GA 30318 PHONE: (407)574-4305

CONTRACTOR

NAME: FLOCK SAFETY LIC. NO.:

ADDRESS: 1170 HOWELL MILL RD NW UNIT 210
ATLANTA GA 30318 PHONE: (407)574-4305

DESCRIPTION OF PUBLIC IMPROVEMENTS/ENCROACHMENT

NO FEE PERMIT - SMPD JOB

WORK INCLUDES INSTALLATION OF FLOCK SAFETY AUTOMATIC SOLAR POWERED LICENSE PLATE READING CAMERA 170 ' NORTH OF THE INGER AND MCCLELLAND INTERSECTION.

ALL EXISTING UTILITIES TO BE PROTECTED IN PLACE.
ALL TRAFFIC CONTROL AND PEDESTRIAN DETOURS SHALL CONFORM TO CAMUTCD.

CONTACT THE INSPECTION HOTLINE FOR AN INSPECTION (805)925-0951 EXT. 2357 , A MINIMUM OF 24 HOURS PRIOR TO BEGINNING WORK.
AFTER WORK HAS BEEN COMPLETED CALL THE HOTLINE ONCE MORE TO INFORM INSPECTORS.

ALL WORK TO BE PERFORMED TO CURRENT CITY STANDARDS AND SPECIFICATIONS.

ALL WORK SHALL BE PER THE CITY PUBLIC WORKS DEPARTMENT'S PLANS AND SPECIFICATIONS.
FOR CURRENT STANDARDS: https://www.cityofsantamaria.org/city-government/departments/public-works-services/engineering-divison/standard-drawings

CALL FOR INSPECTION PRIOR TO WORK IN CITY RIGHT-OF-WAY, CONNECTION TO CITY UTILITIES, OR PLACEMENT OF CONCRETE OR ASPHALT, AND FOR FINAL INSPECTION.

REQUESTS FOR INSPECTION SHALL BE MADE AT LEAST 24 HOURS IN ADVANCE.

Dave Paula
SIGNATURE

9/18/2023
DATE

John J. Galanty
for DIRECTOR OF PUBLIC WORKS

DATE PAID	
METHOD OF PAYMENT	
CHECK NO.	
PERMIT	
INSPECTION/REVIEW	
TOTAL FEES	
TOTAL PAID	
TOTAL DUE	$0.00

INSPECTOR: PAUL JACOBS DATE COMPLETED:

EXPIRATION DATE: 12/18/2023 FOR TIME EXTENSIONS CALL: (805) 925-0951, EXT. 2225

GENERAL NOTES

1. All work shall be performed in accordance with the Standard Specifications and Plans of the City of Santa Maria and the Standard Specifications of the State of California, Business and Transportation Agency, Department of Transportation, latest edition, where not covered by the former, and shall be completed to the satisfaction of the City Engineer.

2. The CONTRACTOR shall contact Underground Service Alert (U.S.A.) at 811 least two working days prior to beginning of construction. (Government Code Section 4216/4217)

3. The CONTRACTOR shall practice safety at all times and shall furnish, erect and maintain such fences, barricades, lights and signs per The Manual on Uniform Traffic Control Devices (MUTCD), necessary to give adequate protection to the public at all times. Temporary traffic control plans shall be reviewed and approved by the City Engineer before installation.

4. The CONTRACTOR shall be responsible during construction for cleaning City streets, curbs, gutters and sidewalks of dirt tracked from the subject site. The flushing of dirt and debris to storm drain or sanitary sewer facilities is strictly prohibited. The cleaning shall be performed after each day's work or as directed by the City Engineer.

5. The CONTRACTOR shall obtain a permit from Department of Industrial Relations, Division of Occupational Safety & Health when required for excavation exceeding 5' in depth. Contact Cal-OSHA at 1-818-901-5403 for further information. (Health & Safety Code 17922.5)

6. Failure to comply with the requirements of this permit may result in one or more of the following:
   A. The City Engineer may order immediate suspension of work until non-compliance is resolved.
   B. Should the CONTRACTOR fail to correct deficient work, the City Engineer may cause removal and replacement of such deficient work at the APPLICANT'S expense.
   C. The City Engineer may cause such traffic control to be set, as deemed necessary, all at the APPLICANT'S expense.
   D. In the case where emergency repairs are deemed necessary, the City Engineer or his delegate will notify the CONTRACTOR. If the CONTRACTOR cannot respond in a timely fashion, then the City Engineer may cause such work to be done at the APPLICANT'S expense.

   Where corrective work described above is ordered by the City, the cost of that work shall be charged to the APPLICANT on a Labor, Equipment and Materials basis plus 25% overhead in order to reimburse the City for its costs

7. HOLD HARMLESS AND INDEMNIFICATION. APPLICANT and CONTRACTOR shall indemnify and hold harmless the City and its officers, officials, employees, and agents against any and all claims, damages, losses, and expenses including attorney fees arising out of the performance of the work described herein, caused in whole or in part by any negligent act of omission of the APPLICANT, CONTRACTOR, any subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, except where caused by the active negligence, sole negligence, or willful misconduct of the City. The City will not be held liable for any accident, loss or damage to the work prior to its completion and acceptance.

8. Nearest edge of driveway shall be a minimum of 5' from any above ground utility such as street lights or fire hydrants and 10' from any street tree. Maximum width of all driveways shall not exceed 50% of frontage. Minimum 20' separation between driveways on a single parcel required.

9. APPLICANT and CONTRACTOR are responsible for preservation and/or perpetuation of all existing monuments which control subdivisions, tracts, boundaries, streets, highways, or other rights-of-way, easements, or provide survey control which will be disturbed or removed due to CONTRACTOR'S work. CONTRACTOR shall provide a minimum of 10 working days notice to project engineer/surveyor prior to disturbance or removal of existing monuments. Project engineer/surveyor shall coordinate with CONTRACTOR to reset monuments or provide permanent witness monuments and file the required documentation with the County Surveyor pursuant to Business and Professions Code Section 8771.

10. Attention is directed to the City Standards for installation of water services. The City furnishes and installs the meter and meter bushing only. All permits, fees, and parts including the meter box, service line, valves, etc. are to be completed by the CONTRACTOR according to the Standards. The water utilities installation, with any associated permits and fees, shall be completed and approved prior to scheduling a water meter installation by the City.

11. When concrete is placed, two inspections are required: forms inspection (before placement) and final inspection (after placement).

12. Per requirements of the National Pollution Discharge Elimination System (NPDES), Contractor shall not discharge any construction material to the public right-of-way (i.e., dirt, concrete cuttings, fluids other than clean water, pesticides, hazardous materials, etc.).

13. Permitted work hours for all contractors shall be 7am - 4pm from Monday to Friday. No work shall be performed outside permitted work hours except with prior arrangement with Public Works office. If emergency work must be performed outside permitted working hours, the contractor must contact Public Works office as soon as possible to obtain an encroachment permit.

PERMIT NO. ENC_____

CITY OF SANTA MARIA
DEPARTMENT OF PUBLIC WORKS

PUBLIC IMPROVEMENT/ENCROACHMENT PERMIT

1. JOB LOCATION: W McCoy Ln Public Right-of-Way - two existing street lights

2. PERMITTEE: Santa Maria Police Department (in partnership with Hardy Diagnostics)

ADDRESS: 110 E. Cook Street, Santa Maria, CA 93454 PHONE: (805) 928-3781 X-1234

E-MAIL: dbeas@cityofsantamaria.org

3. CONTRACTOR: Flock Safety - CA CL#1086983

ADDRESS: 1170 Howell Mill Rd NW #210, Atlanta, GA 30318 PHONE: 714-865-4101

4. JOB DESCRIPTION:

Installation of solar powered automatic license plate reading cameras on 2 existing streetlights on W McCoy Lane. Please see the attached site plans and traffic control plans.

5. **TOTAL # OF WORKING DAYS:** 1 **(INCLUDING RESTORATION)**

PLANS/DRAWINGS ATTACHED: ☑ YES NO ☐

TRAFFIC CONTROL PLANS: ☑ YES NO ☐

X _____
PERMITTEE SIGNATURE

Date: 7/14/2023

PERMITTEE TITLE: Permitting Manager

All applicable work necessary for the above job description shall be per the City Public Works Department's plans and specifications. Construction traffic controls shall comply with the State of California Traffic Manual, Chapter 5. All requests for inspection shall be made at least 24 hours in advance by telephoning the inspector on the encroachment permit. Inspections will be made Monday through Friday from 8:00 a.m. To 4:00 p.m.

6. COMMENTS:

BY: _____ DATE: _____
for BRETT FULGONI
DIRECTOR OF PUBLIC WORKS

EMERGENCIES

1. If public safety is in immediate danger, call SMPD / SMF Dispatch at (805) 925-0951 x2277 or call 911.
2. For emergency work to underground utilities, call Dig Alert / USA (811), then call a City Public Works Inspector. If not reached, leave a message. After the fact permits will be arranged. The City Public Works Inspector must be updated on all work progress during the emergency in order to determine whether inspection is required.
3. **Emergency work is defined as anything that USA / Dig Alert would consider emergency; work that cannot wait for the 48 notice that Dig Alert typically requires.**

NORMAL WORK

1. For non-emergency work, call Dig Alert / USA (811), then email (pw_encroachment_permits@cityofsantamaria.org)or call the Engineering Office (x2225) to arrange for encroachment permit. Based upon the type of work, send in Traffic and Pedestrian Control Plans (TCP's and any site/project plans) for all work performed in City ROW. TCPs shall comply with the California Manual on Uniform Traffic Control Devices (CA MUTCD), see: https://dot.ca.gov/programs/traffic-operations/camutcd.
2. Applicant must have a licensed and insured contractor in place to perform the work prior to application for permit. The permit application can be found online at: https://www.cityofsantamaria.org/city-government/departments/public-works-services/encroachment-permit
3. If a water shutdown is required, request and application must be submitted 5 business days prior to desired shutdown date. Shutdowns only occur Tuesdays through Thursdays unless an emergency has been approved by the Utilities Department.
4. Once the Engineering Permit Technician receives a complete application and approval on TCP's, a **DRAFT permit is issued** to applicant.
5. Applicant shall review DRAFT permit, provide signature and date, and send DRAFT permit to Engineering Permit Technician.
6. Fees are collected as necessary. No fee permits are only issued when work is done on behalf of City departments.
7. City issues signed permit that is pink in color. Permit copy shall always be on site with contractor performing work.
8. Contractor shall follow explicit instructions on permit including the arrangement for inspection and permission to start work **at least 24 hours prior to scheduled work**. Contact information for inspectors is on permit.
9. **REFERENCE PERMIT INSTRUCTIONS. If there are any questions, contact the Public Works Inspector or Engineering Office at (805) 925-0951 x2225.**
10. All asphalt and concrete removal limits shall be approved by the City prior to work. Replacement of materials shall be done per City standards specifications and drawings. Other areas impacted by road cuts may require replacement outside of trenching area at the discretion of Public Works Director or his/her designee.
11. Contractor is responsible for providing testing of backfill, concrete, AC, etc. as necessary to complete repair of City infrastructure in compliance with City standards.
12. Public Works Inspectors shall be contacted prior to and after each stage of work – utility repair or tie-in, setting of forms, backfill placement, compaction of backfill/subgrade, placement of AC or PCC, etc.
13. If roadway shows signs of failure at location of utility cut within 12 months of work being performed, then Permittee shall repair the work promptly at no cost to the City Public Works Department.
14. Roadway cuts will not be permitted on streets that have been repaved or surface treated in the previous 5-year period. Emergency work is the only exception to this unless approved by the City Engineer. The permit technicians have this information readily available.

CONTACT INFO - INSPECTORS		
Name	Phone	Email
Inspection Office	**805-925-0951 X2466**	**pw_inspections@cityofsantamaria.org**
Guillermo 'Willie' Aguilera	805-925-0951 X2466	gaguilera@cityofsantamaria.org
Paul Jacobs	805-925-0951 X2497	pjacobs@cityofsantamaria.org
Theodore 'Teddy' Wolff	805-925-0951 X2226	twolff@cityofsantamaria.org

CONTACT INFO - PERMITS		
Name	Phone	Email
Engineering Office	**805-925-0951 X2225**	**pw_encroachment_permitscityofsantamaria.org**
Esmeralda De Jesus	805-925-0951 X2478	edejesus@cityofsantamaria.org
Jolene Galaites	805-925-0951 X1292	jgalaites@cityofsantamaria,org
Luis Magallon	805-925-0951 X1742	lmagallon@cityofsantamaria,org
Mark Mueller	805-925-0951 X1667	mmueller@cityofsantamaria.org

CITY OF SANTA MARIA
PHYSICAL ADDRESS: 110 S. PINE STREET, STE. 221
MAILING ADDRESS: 110 S. PINE STREET, STE. 101
SANTA MARIA, CA 93458
TEL: (805) 925-0951, x2225

From: CHC Permitting 1
To: CHC Permitting 1; PW Encroachment Permits
Subject: Encroachment application revision for 1072 W Morrison Ave. Comcast (JB2094982) / ENC25-0151
Date: Thursday, April 3, 2025 6:03:42 PM
Attachments: image001.png
JB2094982_SANTA MARIA_PLANS AND TCP_REV(02).pdf
JB2094982_SANTA MARIA_ENC APP.pdf

*** EXTERNAL EMAIL: Please use caution when opening links or attachments.***

Good afternoon,

Please view the attached encroachment application and plans for your approval. Feel free to contact me for any inconvenience.

Revision for ENC25-0151

Best Regards,

Sergio Soriano V.
Permit Coordinator
CHC
A CONGRUEX® COMPANY

PUBLIC IMPROVEMENT PERMIT ■ ENCROACHMENT PERMIT

PUBLIC WORKS ■ CITY OF SANTA MARIA
110 S. PINE ST #221 ■ SANTA MARIA, CA 93458 ■ PHONE (805) 925-0951, EXT. 2225

PERMIT NO.: ENC22-1895 DATE ISSUED: 9/26/2022

JOB ADDRESS: SEE SITE PLANS | APN: | REFERENCE: INSTALL 19 FLOCK SAFETY CAMERAS

APPLICANT

NAME: FLOCK SAFETY
ON BEHALF OF SM POLICE DEPARTMENT
ADDRESS: 1170 HOWELL MILL RD, #210
ATLANTA, GA 30318
PHONE: (470) 574-4305

CONTRACTOR

NAME: FLOCK SAFETY
LIC. NO.: C:ONFILE
ADDRESS: 1170 HOWELL MILL RD, #210
ATLANTA, GA 30318
PHONE: (470) 574-4305

DESCRIPTION OF PUBLIC IMPROVEMENTS/ENCROACHMENT

NO FEE PERMIT - SMPD JOB

WORK INCLUDES INSTALLATION OF FLOCK SAFETY CAMERAS THROUGHOUT THE CITY PER INFORMATION PROVIDED BY APPLICANT.

ALL EXISTING UTILITIES TO BE PROTECTED IN PLACE.
ALL TRAFFIC CONTROL AND PEDESTRIAN DETOURS SHALL CONFORM TO CAMUTCD.

CONTACT THE INSPECTION HOTLINE FOR AN INSPECTION (805)925-0951 EXT. 2466 , A MINIMUM OF 24 HOURS PRIOR TO BEGINNING WORK.
AFTER WORK HAS BEEN COMPLETED CALL THE HOTLINE ONCE MORE TO INFORM INSPECTORS.

ALL WORK TO BE PERFORMED TO CURRENT CITY STANDARDS AND SPECIFICATIONS.

ALL WORK SHALL BE PER THE CITY PUBLIC WORKS DEPARTMENT'S PLANS AND SPECIFICATIONS.
FOR CURRENT STANDARDS: https://www.cityofsantamaria.org/city-government/departments/public-works-services/engineering-divison/standard-drawings

CALL FOR INSPECTION PRIOR TO WORK IN CITY RIGHT-OF-WAY, CONNECTION TO CITY UTILITIES, OR PLACEMENT OF CONCRETE OR ASPHALT, AND FOR FINAL INSPECTION.

REQUESTS FOR INSPECTION SHALL BE MADE AT LEAST 24 HOURS IN ADVANCE.

Vai Conley
SIGNATURE

26 Sept. 2022
DATE

for DIRECTOR OF PUBLIC WORKS

DATE PAID
METHOD OF PAYMENT
CHECK NO.
PERMIT
INSPECTION/REVIEW
TOTAL FEES
TOTAL PAID
TOTAL DUE $0.00

INSPECTOR: WILLIE A. / PAUL J.

DATE COMPLETED:

EXPIRATION DATE: 12/26/2022

FOR TIME EXTENSIONS CALL: (805) 925-0951, EXT. 2225

GENERAL NOTES

1. All work shall be performed in accordance with the Standard Specifications and Plans of the City of Santa Maria and the Standard Specifications of the State of California, Business and Transportation Agency, Department of Transportation, latest edition, where not covered by the former, and shall be completed to the satisfaction of the City Engineer.

2. The CONTRACTOR shall contact Underground Service Alert (U.S.A.) at 811 least two working days prior to beginning of construction. (Government Code Section 4216/4217)

3. The CONTRACTOR shall practice safety at all times and shall furnish, erect and maintain such fences, barricades, lights and signs per The Manual on Uniform Traffic Control Devices (MUTCD), necessary to give adequate protection to the public at all times. Temporary traffic control plans shall be reviewed and approved by the City Engineer before installation.

4. The CONTRACTOR shall be responsible during construction for cleaning City streets, curbs, gutters and sidewalks of dirt tracked from the subject site. The flushing of dirt and debris to storm drain or sanitary sewer facilities is strictly prohibited. The cleaning shall be performed after each day's work or as directed by the City Engineer.

5. The CONTRACTOR shall obtain a permit from Department of Industrial Relations, Division of Occupational Safety & Health when required for excavation exceeding 5' in depth. Contact Cal-OSHA at 1-818-901-5403 for further information. (Health & Safety Code 17922.5)

6. Failure to comply with the requirements of this permit may result in one or more of the following:
   A. The City Engineer may order immediate suspension of work until non-compliance is resolved.
   B. Should the CONTRACTOR fail to correct deficient work, the City Engineer may cause removal and replacement of such deficient work at the APPLICANT'S expense.
   C. The City Engineer may cause such traffic control to be set, as deemed necessary, all at the APPLICANT'S expense.
   D. In the case where emergency repairs are deemed necessary, the City Engineer or his delegate will notify the CONTRACTOR. If the CONTRACTOR cannot respond in a timely fashion, then the City Engineer may cause such work to be done at the APPLICANT'S expense.

   Where corrective work described above is ordered by the City, the cost of that work shall be charged to the APPLICANT on a Labor, Equipment and Materials basis plus 25% overhead in order to reimburse the City for its costs

7. HOLD HARMLESS AND INDEMNIFICATION. APPLICANT and CONTRACTOR shall indemnify and hold harmless the City and its officers, officials, employees, and agents against any and all claims, damages, losses, and expenses including attorney fees arising out of the performance of the work described herein, caused in whole or in part by any negligent act of omission of the APPLICANT, CONTRACTOR, any subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, except where caused by the active negligence, sole negligence, or willful misconduct of the City. The City will not be held liable for any accident, loss or damage to the work prior to its completion and acceptance.

8. Nearest edge of driveway shall be a minimum of 5' from any above ground utility such as street lights or fire hydrants and 10' from any street tree. Maximum width of all driveways shall not exceed 50% of frontage. Minimum 20' separation between driveways on a single parcel required.

9. APPLICANT and CONTRACTOR are responsible for preservation and/or perpetuation of all existing monuments which control subdivisions, tracts, boundaries, streets, highways, or other rights-of-way, easements, or provide survey control which will be disturbed or removed due to CONTRACTOR'S work. CONTRACTOR shall provide a minimum of 10 working days notice to project engineer/surveyor prior to disturbance or removal of existing monuments. Project engineer/surveyor shall coordinate with CONTRACTOR to reset monuments or provide permanent witness monuments and file the required documentation with the County Surveyor pursuant to Business and Professions Code Section 8771.

10. Attention is directed to the City Standards for installation of water services. The City furnishes and installs the meter and meter bushing only. All permits, fees, and parts including the meter box, service line, valves, etc. are to be completed by the CONTRACTOR according to the Standards. The water utilities installation, with any associated permits and fees, shall be completed and approved prior to scheduling a water meter installation by the City.

11. When concrete is placed, two inspections are required: forms inspection (before placement) and final inspection (after placement).

12. Per requirements of the National Pollution Discharge Elimination System (NPDES), Contractor shall not discharge any construction material to the public right-of-way (i.e., dirt, concrete cuttings, fluids other than clean water, pesticides, hazardous materials, etc.).

13. Permitted work hours for all contractors shall be 7am - 4pm from Monday to Friday. No work shall be performed outside permitted work hours except with prior arrangement with Public Works office. If emergency work must be performed outside permitted working hours, the contractor must contact Public Works office as soon as possible to obtain an encroachment permit.

EXTENSION #1

PUBLIC IMPROVEMENT PERMIT ■ ENCROACHMENT PERMIT

PUBLIC WORKS ■ CITY OF SANTA MARIA
110 S. PINE ST #221 ■ SANTA MARIA, CA 93458 ■ PHONE (805) 925-0951, EXT. 2225

Santa Maria All-America City

PERMIT NO.: ENC22-0110 DATE ISSUED: ~~04/13/2022~~

REISSUED: 7/13/2022

JOB ADDRESS: MULTIPLE LOCATIONS APN: REFERENCE: PD CAMERA INSTALLATIONS

APPLICANT

NAME: FLOCK SAFETY
ADDRESS: 1170 HOWELL MILL RD
ATLANTA GA 30318 PHONE: (415) 669-0341

CONTRACTOR

NAME: FLOCK SAFETY LIC. NO.:
ADDRESS: 1170 HOWELL MILL RD
ATLANTA GA 30318 PHONE: (415) 669-0341

DESCRIPTION OF PUBLIC IMPROVEMENTS/ENCROACHMENT

SCOPE OF WORK SHALL BE FOR THE INSTALLATION OF 97 SURVELLIANCE CAMERAS FOR THE SANTA MARIA POLICE DEPARTMENT ON EXISTING CITY INFRASTRUCTURE. CAMERAS SHALL BE INSTALLED ON CITY MAINTAINED STREET LIGHTS.

APPROPRIATE TRAFFIC CONTROL SHALL BE PLACED PRIOR TO COMMENCEMENT OF WORK WITH ENGINEERING INSPECTOR'S APPROVAL.

CONTACT THE INSPECTION HOTLINE FOR AN INSPECTION (805)925-0951 EXT. 2466 , A MINIMUM OF 24 HOURS PRIOR TO BEGINNING WORK

ADDITION OF RELOCATION TO POLE 6912 PER WILL WARREN 7-6-22 (E.D.7/13/22)

ALL WORK SHALL BE PER THE CITY PUBLIC WORKS DEPARTMENT'S PLANS AND SPECIFICATIONS.

FOR CURRENT STANDARDS: https://www.cityofsantamaria.org/city-government/departments/public-works-services/engineering-divison/standard-drawings

CALL FOR INSPECTION PRIOR TO WORK IN CITY RIGHT-OF-WAY, CONNECTION TO CITY UTILITIES, OR PLACEMENT OF CONCRETE OR ASPHALT, AND FOR FINAL INSPECTION.

REQUESTS FOR INSPECTION SHALL BE MADE AT LEAST 24 HOURS IN ADVANCE.

DATE PAID	
METHOD OF PAYMENT	
CHECK NO.	
PERMIT	$0.00
INSPECTION/REVIEW	$0.00
TOTAL FEES	$0.00
TOTAL PAID	$0.00
TOTAL DUE	$0.00

Willie B Warren III
SIGNATURE

07/13/2022
DATE

for DIRECTOR OF PUBLIC WORKS

INSPECTOR: WILLIE AGUILERA DATE COMPLETED:

EXPIRATION DATE: ~~07/15/2022~~ 10/13/2022 FOR TIME EXTENSIONS CALL: (805) 925-0951, EXT. 2225

COPIES: INSPECTOR APPLICANT ENGINEERING
ORIGINAL: FILE

GENERAL NOTES

1. All work shall be performed in accordance with the Standard Specifications and Plans of the City of Santa Maria and the Standard Specifications of the State of California, Business and Transportation Agency, Department of Transportation, latest edition, where not covered by the former, and shall be completed to the satisfaction of the City Engineer.

2. The CONTRACTOR shall contact Underground Service Alert (U.S.A.) at 811 least two working days prior to beginning of construction. (Government Code Section 4216/4217)

3. The CONTRACTOR shall practice safety at all times and shall furnish, erect and maintain such fences, barricades, lights and signs per The Manual on Uniform Traffic Control Devices (MUTCD), necessary to give adequate protection to the public at all times. Temporary traffic control plans shall be reviewed and approved by the City Engineer before installation.

4. The CONTRACTOR shall be responsible during construction for cleaning City streets, curbs, gutters and sidewalks of dirt tracked from the subject site. The flushing of dirt and debris to storm drain or sanitary sewer facilities is strictly prohibited. The cleaning shall be performed after each day's work or as directed by the City Engineer.

5. The CONTRACTOR shall obtain a permit from Department of Industrial Relations, Division of Occupational Safety & Health when required for excavation exceeding 5' in depth. Contact Cal-OSHA at 1-818-901-5403 for further information. (Health & Safety Code 17922.5)

6. Failure to comply with the requirements of this permit may result in one or more of the following:
   A. The City Engineer may order immediate suspension of work until non-compliance is resolved.
   B. Should the CONTRACTOR fail to correct deficient work, the City Engineer may cause removal and replacement of such deficient work at the APPLICANT'S expense.
   C. The City Engineer may cause such traffic control to be set, as deemed necessary, all at the APPLICANT'S expense.
   D. In the case where emergency repairs are deemed necessary, the City Engineer or his delegate will notify the CONTRACTOR. If the CONTRACTOR cannot respond in a timely fashion, then the City Engineer may cause such work to be done at the APPLICANT'S expense.

   Where corrective work described above is ordered by the City, the cost of that work shall be charged to the APPLICANT on a Labor, Equipment and Materials basis plus 25% overhead in order to reimburse the City for its costs.

7. HOLD HARMLESS AND INDEMNIFICATION. APPLICANT and CONTRACTOR shall indemnify and hold harmless the City and its officers, officials, employees, and agents against any and all claims, damages, losses, and expenses including attorney fees arising out of the performance of the work described herein, caused in whole or in part by any negligent act of omission of the APPLICANT, CONTRACTOR, any subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, except where caused by the active negligence, sole negligence, or willful misconduct of the City. The City will not be held liable for any accident, loss or damage to the work prior to its completion and acceptance.

8. Nearest edge of driveway shall be a minimum of 5' from any above ground utility such as street lights or fire hydrants and 10' from any street tree. Maximum width of all driveways shall not exceed 50% of frontage. Minimum 20' separation between driveways on a single parcel required.

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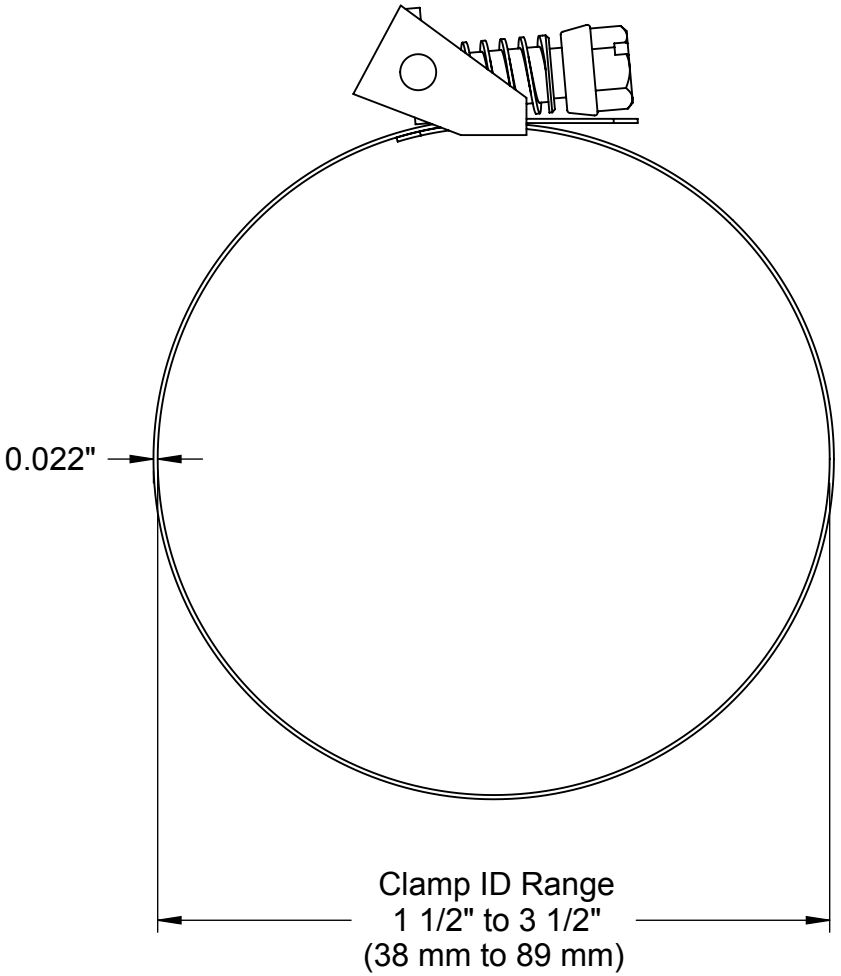
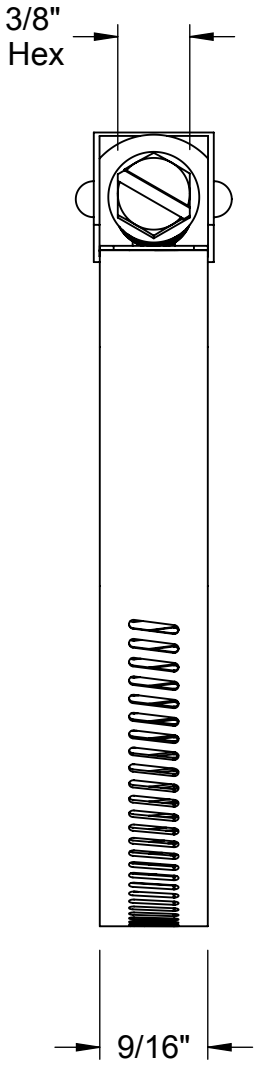
10. Attention is directed to the City Standards for installation of water services. The City furnishes and installs the meter and meter bushing only. All permits, fees, and parts including the meter box, service line, valves, etc. are to be completed by the CONTRACTOR according to the Standards. The water utilities installation, with any associated permits and fees, shall be completed and approved prior to scheduling a water meter installation by the City.

11. When concrete is placed, two inspections are required: forms inspection (before placement) and final inspection (after placement).

12. Per requirements of the National Pollution Discharge Elimination System (NPDES), Contractor shall not discharge any construction material to the public right-of-way (i.e., dirt, concrete cuttings, fluids other than clean water, pesticides, hazardous materials, etc.).

13. Permitted work hours for all contractors shall be 7am - 4pm from Monday to Friday. No work shall be performed outside permitted work hours except with prior arrangement with Public Works office. If emergency work must be performed outside permitted working hours, the contractor must contact Public Works office as soon as possible to obtain an encroachment permit.





SAE No. 48

McMASTER-CARR® CAD

http://www.mcmaster.com

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Information in this drawing is provided for reference only.

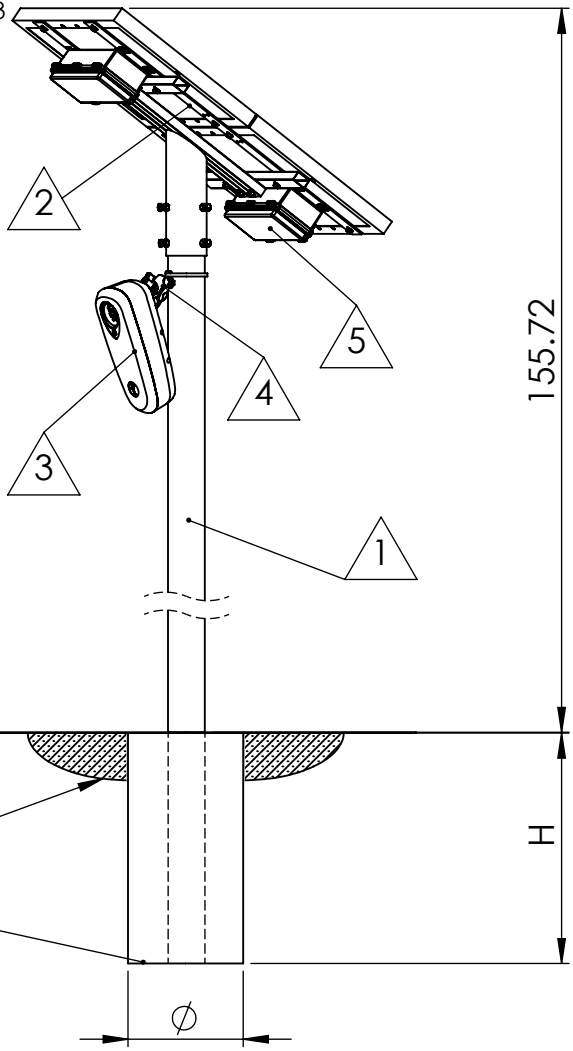
PART NUMBER **5322K58**

Quick-Opening Worm-Drive
Hose and Tube Clamp

NOTES:

1. POLE IS BREAKAWAY 2.875" (73mm) IN DIAMETER 6063-T52 ALUMINUM WITH WALL THICKNESS .203" (5.16mm) AS PER 12/6/2007 FHWA LETTER.
2. THE PANEL ASSEMBLY MAY NOT EXCEED TWO BATTERY PACKS
3. MAX TOTAL WEIGHT OF ASSEMBLY IS 30.8 LBS (13970.63 GRAMS)

REVISION HISTORY			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL DRAWING	10/26/2020	



BOM						
Item	Part Number	Part Name	QTY.	MASS (LB)	DIMENSIONS LxWxH (IN)	CROSS-SECTIONAL AREA (FT^2)
1	204-00029	14' BLACK 2-PIECE POLE	1	17	2.9 x 2.9 x 168.0	3.0 (2' FOUNDATION)
2	701-00116	Double Panel - Top Mount	1		21.3 x 28.3 x 10.5	2.1
3	701-0059	Flock Safety Camera	1	3.6	3.3 x 4.3 x10.5	.3
4	702-0007	RAM Ball Mount & Adapter	1	1.4	N/A	N/A
5	701-00011	Battery Pack	2	4.4	2.8 x 3.9 x 10.8	N/A

FOUNDATION SPECIFICATIONS				
TYPE	V_MAX (MPH)	CAISSON Ø (IN)	CAISSON H (IN)	SOLAR PANEL ELEVATION FROM GRADE (FT MAX)
1*	85	8	24	12
2	110	12	30	12
3	130	12	36	12
4	150	16	48	12

* STANDARD INSTALLATION SPECIFICATIONS

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF FLOCK SAFETY. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF FLOCK SAFETY IS PROHIBITED.

NEXT ASSY	USED ON	
APPLICATION		DO NOT SCALE DRAWING

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±1/16
ANGULAR: X.X ±3° X.XX ±1°
DECIMAL:
X.X ±.02 X.XX ±.01 X.XXX ±.005

MATERIAL

FINISH

	NAME	DATE
DRAWN		
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

flock safety

TOP POLE MOUNT - DOUBLE SOLAR PANEL WITH 2 EXTERNAL BATTERIES

SIZE	DWG. NO.	REV.
A	905-00005	A
SCALE:1:20		SHEET 1 OF 1

U.S. Department
of Transportation
Federal Highway
Administration

1200 New Jersey Ave., S.E.
Washington, DC 20590

December 6, 2007

In Reply Refer To:
HSSD/SS-157

Mr. Reinhardt F. Cyphers
Addresses of Distinction, LLC
907 New Franklin Road
LaGrange, GA 30240

Dear Mr. Cyphers:

In your mail correspondence of October 18, 2007, you requested the Federal Highway Administration's (FHWA) acceptance of your company's aluminum tubes as a breakaway sign support. You referenced our acceptance letter SS-28 which reported on small sign support testing conducted in "weak" soil by the Florida Department of Transportation (DOT). In that letter we accepted as breakaway 3 inch (89 mm) diameter, 6061-T6 alloy aluminum tubes of 0.187 inches (4.75 mm) thickness when no more than one sign support was used within a seven foot span. The posts pulled out of the ground partially or completely, allowing the vehicle to gradually come to a stop. The two sign supports that you request to use have: (1) a diameter of 2.875 inches (73 mm) with a wall thickness of 0.203 inches (5.16 mm) and (2) a diameter of 2.375 inches (60 mm) with a wall thickness of 0.154 inches (60 mm). The three sign posts are compared in the following table:

Sign Post	**Florida DOT**	**Addresses of Distinction, LLC**	**Addresses of Distinction, LLC**
Diameter	3.5 in (89 mm)	2.875 inches (73 mm)	2.375 inches (60 mm)
Wall Thickness	0.187 in (4.75 mm)	.203 inches (5.16 mm)	0.154 inches (60 mm)
Alloy	6061-T6	6063-T52	6063-T52
Tensile Strength	45 ksi (310 MPa)	30 ksi (207 MPa)	27ksi (186MPa)
Yield Strength	40 ksi (275 MPa)	25 ksi (173 MPa)	21ksi (145Pa)
Cross Sectional Area	1.951 in^2 (1257 mm^2)	1.70 in^2 (1099mm^2)	1.70 in^2 (1099 mm^2)
Anti-Rotation Hardware	Unknown	Yes	Yes

In addition to the Florida DOT sponsored testing to which you referred, earlier tests of 4 inch (100 mm) diameter thin-walled aluminum tubes were conducted in "strong" soil. These posts, which were fitted with anti-rotation hardware below the ground, fractured upon impact and were found to be crashworthy.

Your company's aluminum tube sign supports are smaller diameter and made of weaker alloy than the posts already found to be crashworthy in either strong or weak soil. Therefore your request regarding the two aluminum tube sizes to be used as sign supports as stated above is acceptable for use on Federal-aid highway projects when requested by a State.

Please note the following standard provisions that apply to FHWA letters of acceptance:

- This acceptance is limited to the crashworthiness characteristics of the devices and does not cover their structural features, nor conformity with the Manual on Uniform Traffic Control Devices.
- Any changes that may adversely influence the crashworthiness of the device will require a new acceptance letter.
- Should the FHWA discover that the qualification testing was flawed, that in-service performance reveals unacceptable safety problems, or that the device being marketed is significantly different from the version that was crash tested, it reserves the right to modify or revoke its acceptance.
- You will be expected to supply potential users with sufficient information on design and installation requirements to ensure proper performance.
  You will be expected to certify to potential users that the hardware furnished has essentially the same chemistry, mechanical properties, and geometry as that submitted for acceptance, and that they will meet the crashworthiness requirements of the FHWA and the NCHRP Report 350.
- To prevent misunderstanding by others this letter of acceptance designated as number SS-157 shall not be reproduced except in full. This letter and the test documentation upon which this letter is based, is public information. All such letters and documentation may be reviewed at our office upon request.
- This acceptance letter shall not be construed as authorization or consent by the FHWA to use, manufacture, or sell any patented device for which the applicant is not the patent holder. The acceptance letter is limited to the crashworthiness characteristics of the candidate device, and the FHWA is neither prepared nor required to become involved in issues concerning patent law. Patent issues, if any, are to be resolved by the applicant.

Sincerely yours,

George E. Rice, Jr.
Acting Director, Office of Safety Design
Office of Safety

PERMIT NO. _____

CITY OF SANTA MARIA
DEPARTMENT OF PUBLIC WORKS

PUBLIC IMPROVEMENT/ENCROACHMENT PERMIT

1. JOB SITE LOCATION: multiple see attached Site Plan

2. PERMITTEE: Flock Safety

ADDRESS: 1170 Howell Mill Rd # 210, ATLANTA, GA, 30318 PHONE: (415) 669-0341

CONTRACTOR: Flock Safety

ADDRESS: 1170 Howell Mill Rd # 210, ATLANTA, GA, 30318 PHONE: (415) 669-0341

3. JOB DESCRIPTION: Installation of 97 new Flock Safety cameras on new and existing infrastructure for Santa Maria Police Department, Phase 2 project

PLANS ATTACHED: YES [x] NO [ ]

PERMITTEE SIGNATURE — DATE: 3/17/2022

NAME: Will Warren EMAIL: permit@flocksafety.com

TITLE: Project Manager

All applicable work necessary for the above job description shall be per the City Public Works Department's plans and specifications. Construction traffic controls shall comply with the State of California Traffic Manual, Chapter 5. All requests for inspection shall be made at least 24 hours in advance by telephoning the inspector on the encroachment permit. Inspections will be made Monday through Friday from 8:00 a.m. To 4:00 p.m.

4. COMMENTS: _____

BY: _____ DATE: _____

for KEVIN McCUNE
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER

INSPECTOR: _____ DATE COMPLETED: _____

COMMENTS: _____

EMERGENCIES

1. If public safety is in immediate danger, call SMPD / SMF Dispatch at (805) 925-0951 x2277 or call 911.
2. For emergency work to underground utilities, call Dig Alert / USA (811), then call a City Public Works Inspector. If not reached, leave a message. After the fact permits will be arranged. The City Public Works Inspector must be updated on all work progress during the emergency in order to determine whether inspection is required.
3. **Emergency work is defined as anything that USA / Dig Alert would consider emergency; work that cannot wait for the 48 notice that Dig Alert typically requires.**

NORMAL WORK

1. For non-emergency work, call Dig Alert / USA (811), then email (pw_encroachment_permits@cityofsantamaria.org)or call the Engineering Office (x2225) to arrange for encroachment permit. Based upon the type of work, send in Traffic and Pedestrian Control Plans (TCP's and any site/project plans) for all work performed in City ROW. TCPs shall comply with the California Manual on Uniform Traffic Control Devices (CA MUTCD), see: https://dot.ca.gov/programs/traffic-operations/camutcd.
2. Applicant must have a licensed and insured contractor in place to perform the work prior to application for permit. The permit application can be found online at: https://www.cityofsantamaria.org/city-government/departments/public-works-services/encroachment-permit
3. If a water shutdown is required, request and application must be submitted 5 business days prior to desired shutdown date. Shutdowns only occur Tuesdays through Thursdays unless an emergency has been approved by the Utilities Department.
4. Once the Engineering Permit Technician receives a complete application and approval on TCP's, a **DRAFT permit is issued** to applicant.
5. Applicant shall review DRAFT permit, provide signature and date, and send DRAFT permit to Engineering Permit Technician.
6. Fees are collected as necessary. No fee permits are only issued when work is done on behalf of City departments.
7. City issues signed permit that is pink in color. Permit copy shall always be on site with contractor performing work.
8. Contractor shall follow explicit instructions on permit including the arrangement for inspection and permission to start work **at least 24 hours prior to scheduled work**. Contact information for inspectors is on permit.
9. **REFERENCE PERMIT INSTRUCTIONS. If there are any questions contact the Public Works Inspector or Engineering Office at (805) 925-0951 x2225.**
10. All asphalt and concrete removal limits shall be approved by the City prior to work. Replacement of materials shall be done per City standards specifications and drawings. Other areas impacted by road cuts may require replacement outside of trenching area at the discretion of Public Works Director or his/her designee.
11. Contractor is responsible for providing testing of backfill, concrete, AC, etc. as necessary to complete repair of City infrastructure in compliance with City standards.
12. Public Works Inspectors shall be contacted prior to and after each stage of work – utility repair or tie-in, setting of forms, backfill placement, compaction of backfill/subgrade, placement of AC or PCC, etc.
13. If roadway shows signs of failure at location of utility cut within 12 months of work being performed, then Permittee shall repair the work promptly at no cost to the City Public Works Department.
14. Roadway cuts will not be permitted on streets that have been repaved or surface treated in the previous 5-year period. Emergency work is the only exception to this unless approved by the City Engineer. The permit technicians have this information readily available.

CONTACT INFO - INSPECTORS		
Name	Phone	Email
Willie Aguilera	805-925-0951 X2466	gaguilera@cityofsantamaria.org
Paul Jacobs	805-925-0951 X2466	pjacobs@cityofsantamaria.org
Jose Perales	805-925-0951 X2466	jperales@cityofsantamaria.org

CONTACT INFO - PERMITS		
Name	Phone	Email
Engineering Office	**805-925-0951 X2225**	**pw_encroachment_permits@cityofsantamaria.org**
Jolene Galaites	805-925-0951 X1292	jgalaites@cityofsantamaria.og
Zoe Glick	805-925-0951 X2475	zglick@cityofsantamaria.org
Luis Magallon	805-925-0951 X1742	lmagallon@cityofsantamaria.org
Mark Mueller	805-925-0951 X1667	mmueller@cityofsantamaria.org
David Beas	805-925-0951 X2439	dbeas@cityofsantamaria.org
Eric Riddiough	805-925-0951 X2476	eriddiough@cityofsantamaria.org

CITY OF SANTA MARIA
PHYSICAL ADDRESS: 110 S. PINE STREET, STE. 221
MAILING ADDRESS: 110 S. PINE STREET, STE. 101
SANTA MARIA, CA 93458
TEL: (805) 925-0951, x2225

PERMIT NO. _____

CITY OF SANTA MARIA
DEPARTMENT OF PUBLIC WORKS

PUBLIC IMPROVEMENT/ENCROACHMENT PERMIT

1. JOB SITE LOCATION: (19) See Attached Site Plans

2. PERMITTEE: Flock Safety on behalf of Santa Maria Police Department

ADDRESS: 1170 Howell Mill Rd, #210 Atlanta GA 30318 PHONE: 470.574.4305

CONTRACTOR: Flock Safety

ADDRESS: 1170 Howell Mill Rd, #210 Atlanta GA 30318 PHONE: 470.574.4305

3. JOB DESCRIPTION: Installation of (19) ALPR cameras for use by the Santa Maria PD. Camera to be installed on new and existing infrastructure. New poles require a maximum excavation of 15" x 15" x 36". Cameras attached to existing poles will be attached via a band clamp, no dril

PLANS ATTACHED: YES ■ NO ☐

Vai Cooley — 9 September 2022

PERMITTEE SIGNATURE — DATE

NAME: Veronica Cooley EMAIL: permit@flocksafety.com

TITLE: Permitting Manager

All applicable work necessary for the above job description shall be per the City Public Works Department's plans and specifications. Construction traffic controls shall comply with the State of California Traffic Manual, Chapter 5. All requests for inspection shall be made at least 24 hours in advance by telephoning the inspector on the encroachment permit. Inspections will be made Monday through Friday from 8:00 a.m. To 4:00 p.m.

4. COMMENTS: _____

BY: _____ DATE: _____
for BRETT FULGONI
INTERIM DIRECTOR OF PUBLIC WORKS

INSPECTOR: _____ DATE COMPLETED: _____

COMMENTS: _____

EMERGENCIES

1. If public safety is in immediate danger, call SMPD / SMF Dispatch at (805) 925-0951 x2277 or call 911.
2. For emergency work to underground utilities, call Dig Alert / USA (811), then call a City Public Works Inspector. If not reached, leave a message. After the fact permits will be arranged. The City Public Works Inspector must be updated on all work progress during the emergency in order to determine whether inspection is required.
3. **Emergency work is defined as anything that USA / Dig Alert would consider emergency; work that cannot wait for the 48 notice that Dig Alert typically requires.**

NORMAL WORK

1. For non-emergency work, call Dig Alert / USA (811), then email (pw_encroachment_permits@cityofsantamaria.org)or call the Engineering Office (x2225) to arrange for encroachment permit. Based upon the type of work, send in Traffic and Pedestrian Control Plans (TCP's and any site/project plans) for all work performed in City ROW. TCPs shall comply with the California Manual on Uniform Traffic Control Devices (CA MUTCD), see: https://dot.ca.gov/programs/traffic-operations/camutcd.
2. Applicant must have a licensed and insured contractor in place to perform the work prior to application for permit. The permit application can be found online at: https://www.cityofsantamaria.org/city-government/departments/public-works-services/encroachment-permit
3. If a water shutdown is required, request and application must be submitted 5 business days prior to desired shutdown date. Shutdowns only occur Tuesdays through Thursdays unless an emergency has been approved by the Utilities Department.
4. Once the Engineering Permit Technician receives a complete application and approval on TCP's, a **DRAFT permit is issued** to applicant.
5. Applicant shall review DRAFT permit, provide signature and date, and send DRAFT permit to Engineering Permit Technician.
6. Fees are collected as necessary. No fee permits are only issued when work is done on behalf of City departments.
7. City issues signed permit that is pink in color. Permit copy shall always be on site with contractor performing work.
8. Contractor shall follow explicit instructions on permit including the arrangement for inspection and permission to start work **at least 24 hours prior to scheduled work**. Contact information for inspectors is on permit.
9. **REFERENCE PERMIT INSTRUCTIONS. If there are any questions contact the Public Works Inspector or Engineering Office at (805) 925-0951 x2225.**
10. All asphalt and concrete removal limits shall be approved by the City prior to work. Replacement of materials shall be done per City standards specifications and drawings. Other areas impacted by road cuts may require replacement outside of trenching area at the discretion of Public Works Director or his/her designee.
11. Contractor is responsible for providing testing of backfill, concrete, AC, etc. as necessary to complete repair of City infrastructure in compliance with City standards.
12. Public Works Inspectors shall be contacted prior to and after each stage of work – utility repair or tie-in, setting of forms, backfill placement, compaction of backfill/subgrade, placement of AC or PCC, etc.
13. If roadway shows signs of failure at location of utility cut within 12 months of work being performed, then Permittee shall repair the work promptly at no cost to the City Public Works Department.
14. Roadway cuts will not be permitted on streets that have been repaved or surface treated in the previous 5-year period. Emergency work is the only exception to this unless approved by the City Engineer. The permit technicians have this information readily available.

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Zoe Glick	805-925-0951 X2475	zglick@cityofsantamaria.org
Luis Magallon	805-925-0951 X1742	lmagallon@cityofsantamaria.org
Mark Mueller	805-925-0951 X1667	mmueller@cityofsantamaria.org
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flock safety

CA-Santa Maria PD - Relocation 1

LICENSE PLATE READER CAMERA INSTALLATION

2022

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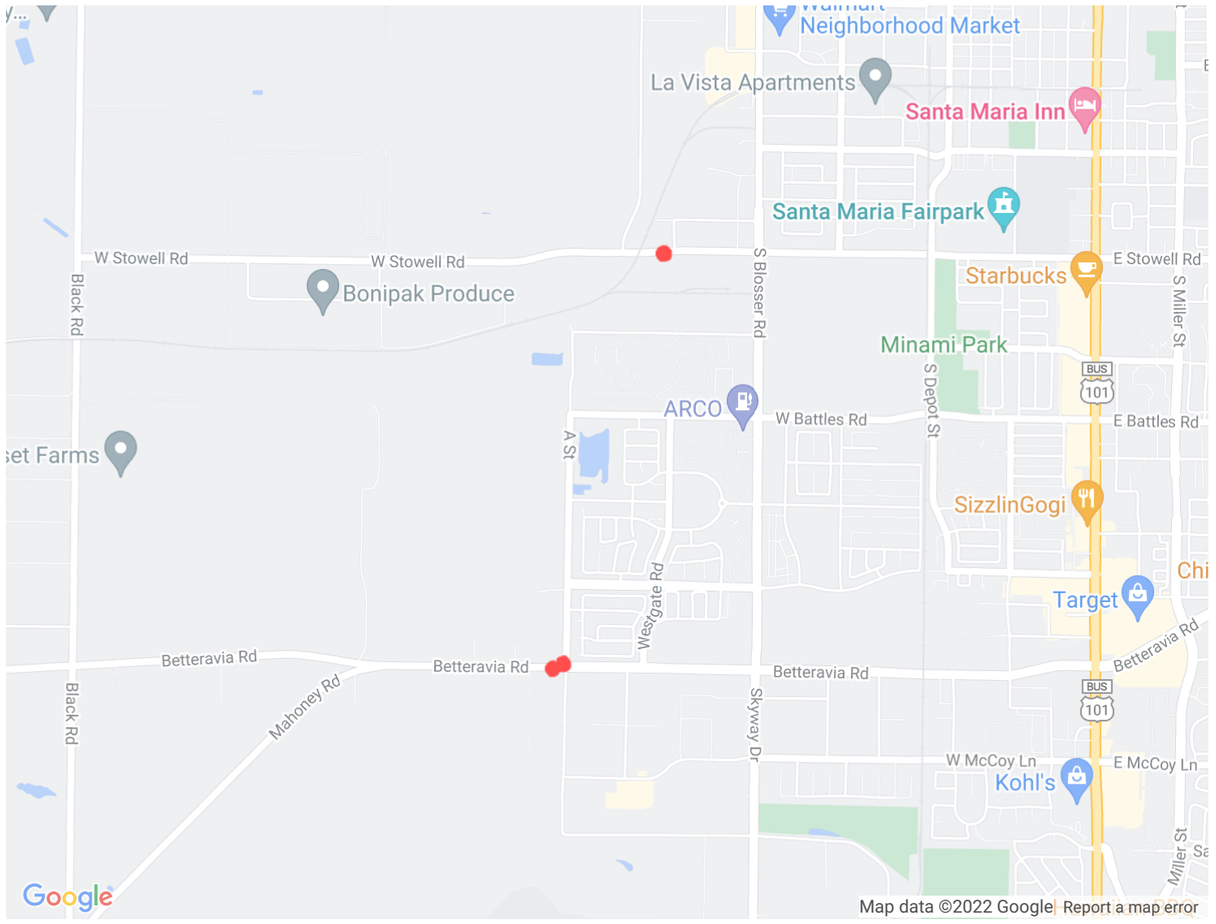
1	Cover Page
2	Camera Location Information
3-5	Site Plans



Know what's **below.**
Call before you dig.

Camera Locations

No.	Name	Address	Direction	Lat	Lng	Pole Type	Distance from Roadway (ft)
1	#008 EB Stowell (west of Kameo) - Relocation	1317 W Stowell Rd, Santa Maria, CA 93458, USA	Eastbound	34.93871953120784	-120.45889031779099	Existing Light Pole	4.5
2	#010 WB Betteravia (west of A St) - Relocation	2220 Betteravia Rd, Santa Maria, CA 93455, USA	Westbound	34.92089998101472	-120.46419727116394	Existing Traffic Signal Pole	5.8
3	#011 EB Betteravia (west of A St) - Relocation	Santa Maria, CA, USA	Eastbound	34.920703	-120.464766	Flock Pole - 12 ft	5.4

Distance: 4.5 ft.

Property	Value
Camera Number	1
Name	#008 EB Stowell (west of Kameo) - Relocation
Address	1317 W Stowell Rd, Santa Maria, CA 93458, USA
Direction	Eastbound
Lat	34.93871953120784
Lng	-120.45889031779099
Pole Type	Existing Light Pole
Distance from Roadway (ft)	4.5
Speed Limit	35

Position

Location Notes: suggested using city pole 4559

Distance: 5.8 ft.

Property	Value
Camera Number	2
Name	#010 WB Betteravia (west of A St) - Relocation
Address	2220 Betteravia Rd, Santa Maria, CA 93455, USA
Direction	Westbound
Lat	34.92089998101472
Lng	-120.46419727116394
Pole Type	Existing Traffic Signal Pole
Distance from Roadway (ft)	5.8
Speed Limit	35

Position

Location Notes: suggested using pole 4545

Distance: 5.4 ft.

Property	Value
Camera Number	3
Name	#011 EB Betteravia (west of A St) - Relocation
Address	Santa Maria, CA, USA
Direction	Eastbound
Lat	34.920703
Lng	-120.464766
Pole Type	Flock Pole - 12 ft
Distance from Roadway (ft)	5.4
Speed Limit	35

Position

Location Notes: a Flock pole

flock safety

CA - Santa Maria PD / Santa Barbara Housing Authority

LICENSE PLATE READER CAMERA INSTALLATION

2022

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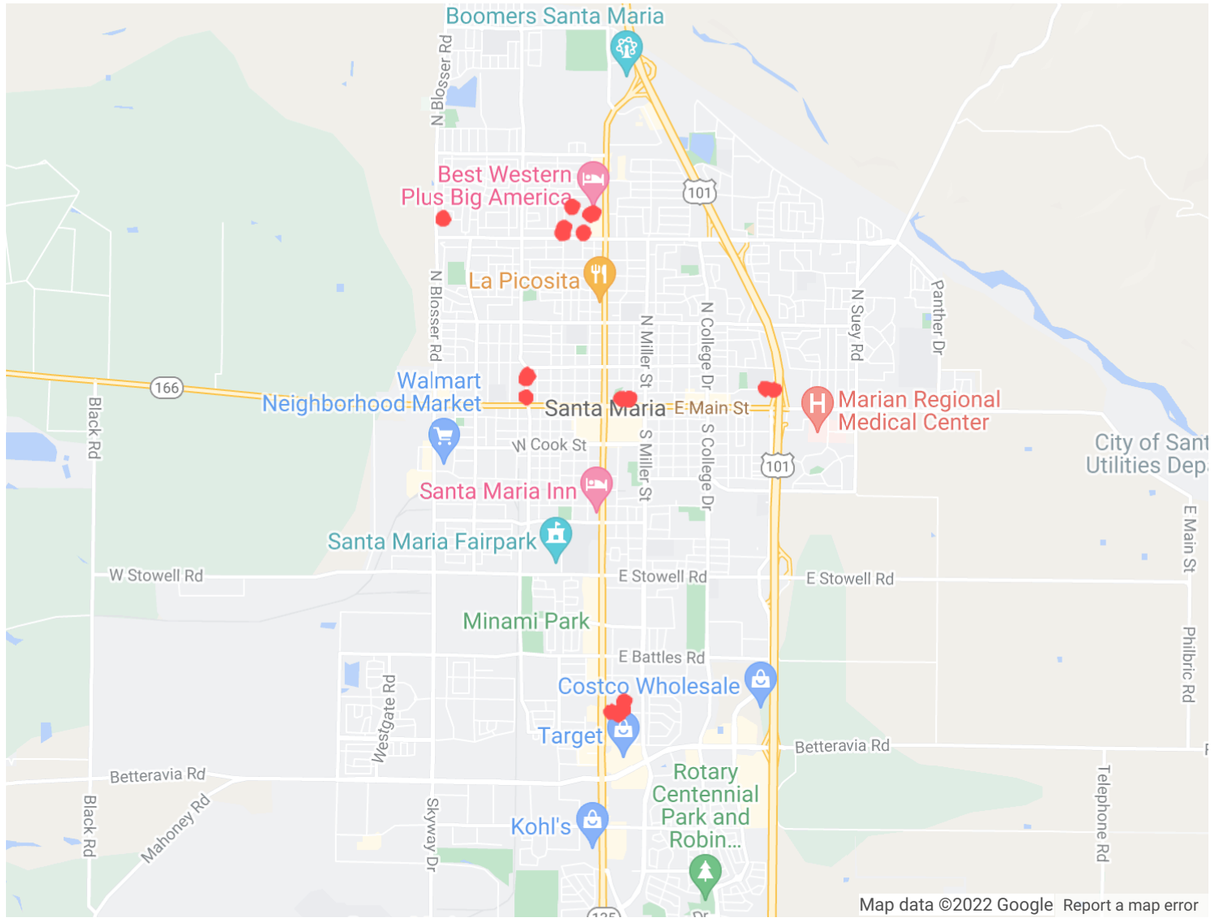
1	Cover Page
2	Camera Location Information
3-21	Site Plans



811 Know what's below. Call before you dig.

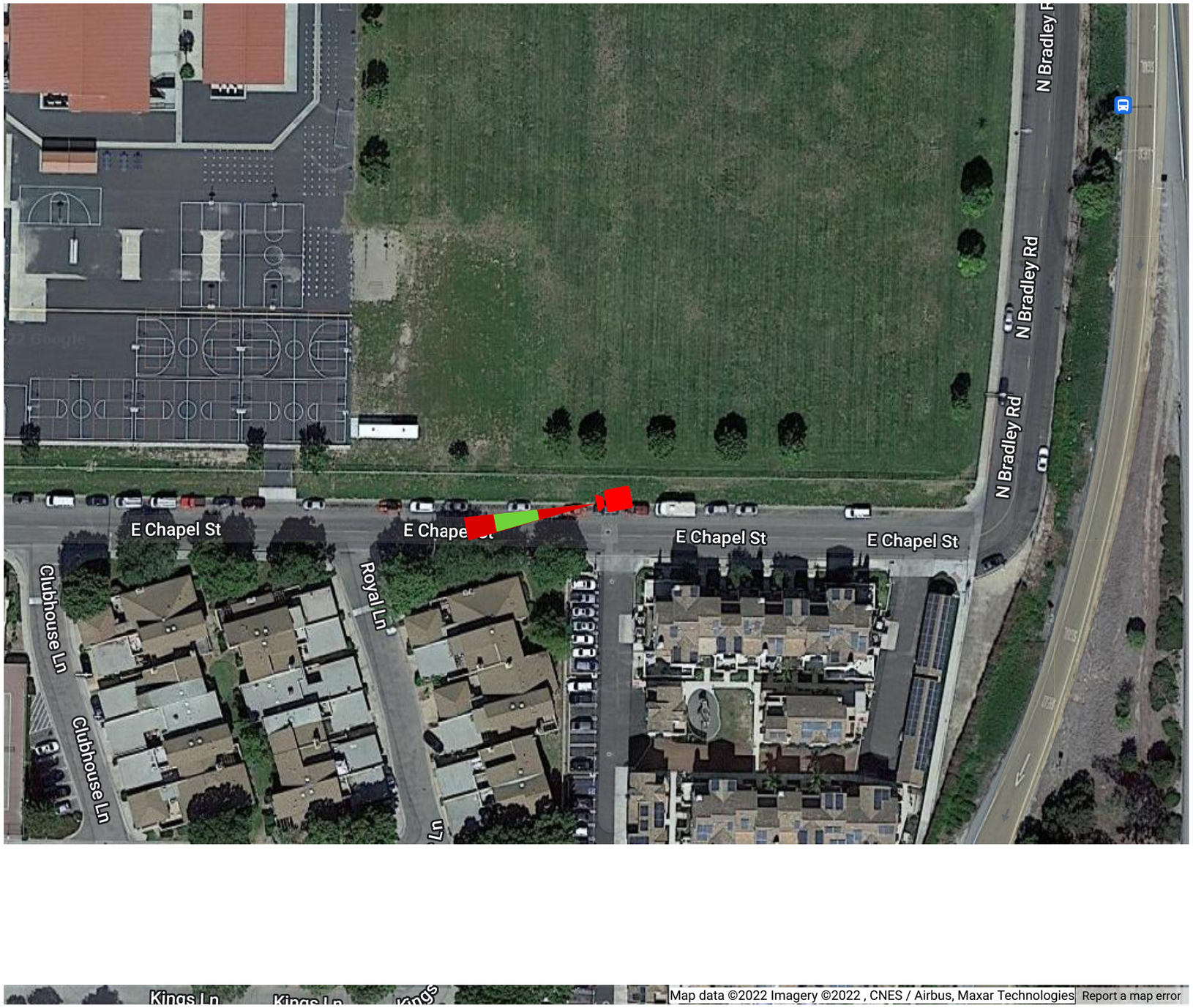
Camera Locations

No.	Name	Address	Direction	Lat	Lng	Pole Type	Distance from Roadway (ft)
1	#01 WB Chapel (west of Bradley)(HA)	101 E Chapel St, Santa Maria, CA 93454, USA	Westbound	34.95468793877313	-120.41874362213431	Flock Pole - 12 ft	5.7
2	#02 EB Chapel (west of Bradley)(HA)	108 E Chapel St, Santa Maria, CA 93454, USA	Northbound	34.954550054489815	-120.41792135078698	Flock Pole - 12 ft	14.6
3	#03 EB Cox (east of Blosser)(HA)	1136 W Cox Ln, Santa Maria, CA 93458, USA	Eastbound	34.969500840010745	-120.452794393057	Flock Pole - 12 ft	19.6
4	#04 WB Inger (east of Broadway)(HA)	225 Inger Dr, Santa Maria, CA 93454, USA	Westbound	34.926693313234324	-120.43498946534406	Existing Light Pole	5.5
5	#05 SB McClelland (north of Inger)(HA)	245 Inger Dr, Santa Maria, CA 93454, USA	Southbound	34.92692511452434	-120.4338152889635	Flock Pole - 12 ft	12.9
6	#06 NB McClelland (north of Inger)(HA)	1779 McClelland St, Santa Maria, CA 93454, USA	Northbound	34.92758985459525	-120.43371015867739	Flock Pole - 12 ft	9.7
7	#07 EB Inger (east of Broadway)(HA)	235 Inger Dr, Santa Maria, CA 93454, USA	Eastbound	34.926512749395265	-120.43430647124282	Existing Light Pole	6.5
8	#08 SB Depot (north of Mill)(HA)	317 N Depot St, Santa Maria, CA 93458, USA	Southbound	34.95561703037067	-120.44403833412028	Flock Pole - 12 ft	10.6
9	#09 SB Depot (north of Main)(HA)	201 N Depot St, Santa Maria, CA 93458, USA	Southbound	34.953941948868184	-120.44406139840986	Flock Pole - 12 ft	10.8
10	#10 NB Depot (north of Mill)(HA)	301 N Depot St, Santa Maria, CA 93458, USA	Northbound	34.95584087820341	-120.44386375900909	Existing Light Pole	9.3
11	#11 SB Alley (Chapel and Vine)(HA)	298 E Chapel St, Santa Maria, CA 93454, USA	Southbound	34.953826187449934	-120.43318181028471	Existing Light Pole	4.3
12	#12 EB Chapel (west of Vine)(HA)	298 E Chapel St, Santa Maria, CA 93454, USA	Eastbound	34.95378880438056	-120.43321585963812	Existing Light Pole	3.8
13	#13 WB Chapel (east of McClelland)(HA)	110 N McClelland St, Santa Maria, CA 93454, USA	Westbound	34.953805668363465	-120.43398241714912	Existing Light Pole	4.6
14	#14 EB Williams (west of Broadway)(HA)	201B W Williams St, Santa Maria, CA 93458, USA	Eastbound	34.96985946158374	-120.43728031297637	Flock Pole - 12 ft	6.7
15	#15 WB Williams (west of Broadway)(HA)	201A W Williams St, Santa Maria, CA 93458, USA	Westbound	34.969945593923754	-120.43693568741237	Existing Light Pole	8.4
16	#16 WB Williams (at Gunderson)(HA)	1717a Gunderson Ln, Santa Maria, CA 93458, USA	Westbound	34.970511500676096	-120.43916934292531	Existing Light Pole	3.2
17	#17 WB Pine (north of Donovan)(HA)	1600 N Pine St, Santa Maria, CA 93458, USA	Westbound	34.96826064203728	-120.43801082572517	Existing Light Pole	7
18	#18 EB Alley (Elm to Pine)(HA)	1707d Donovan Rd, Santa Maria, CA 93458, USA	Eastbound	34.968245315100496	-120.44015921097528	Flock Pole - 12 ft	5.2
19	#19 SB Pine (south of Cox)(HA)	1707 N Pine St, Santa Maria, CA 93458, USA	Eastbound	34.96868858733539	-120.4400298506044	Existing Light Pole	6.1

Distance: 5.7 ft.

Property	Value
Camera Number	1
Name	#01 WB Chapel (west of Bradley)(HA)
Address	101 E Chapel St, Santa Maria, CA 93454, USA
Direction	Westbound
Lat	34.95468793877313
Lng	-120.41874362213431
Pole Type	Flock Pole - 12 ft
Distance from Roadway (ft)	5.7
Speed Limit	25

Position



Location Notes: None

Distance: 14.6 ft.

Property	Value
Camera Number	2
Name	#02 EB Chapel (west of Bradley)(HA)
Address	108 E Chapel St, Santa Maria, CA 93454, USA
Direction	Northbound
Lat	34.954550054489815
Lng	-120.41792135078698
Pole Type	Flock Pole - 12 ft
Distance from Roadway (ft)	14.6
Speed Limit	25

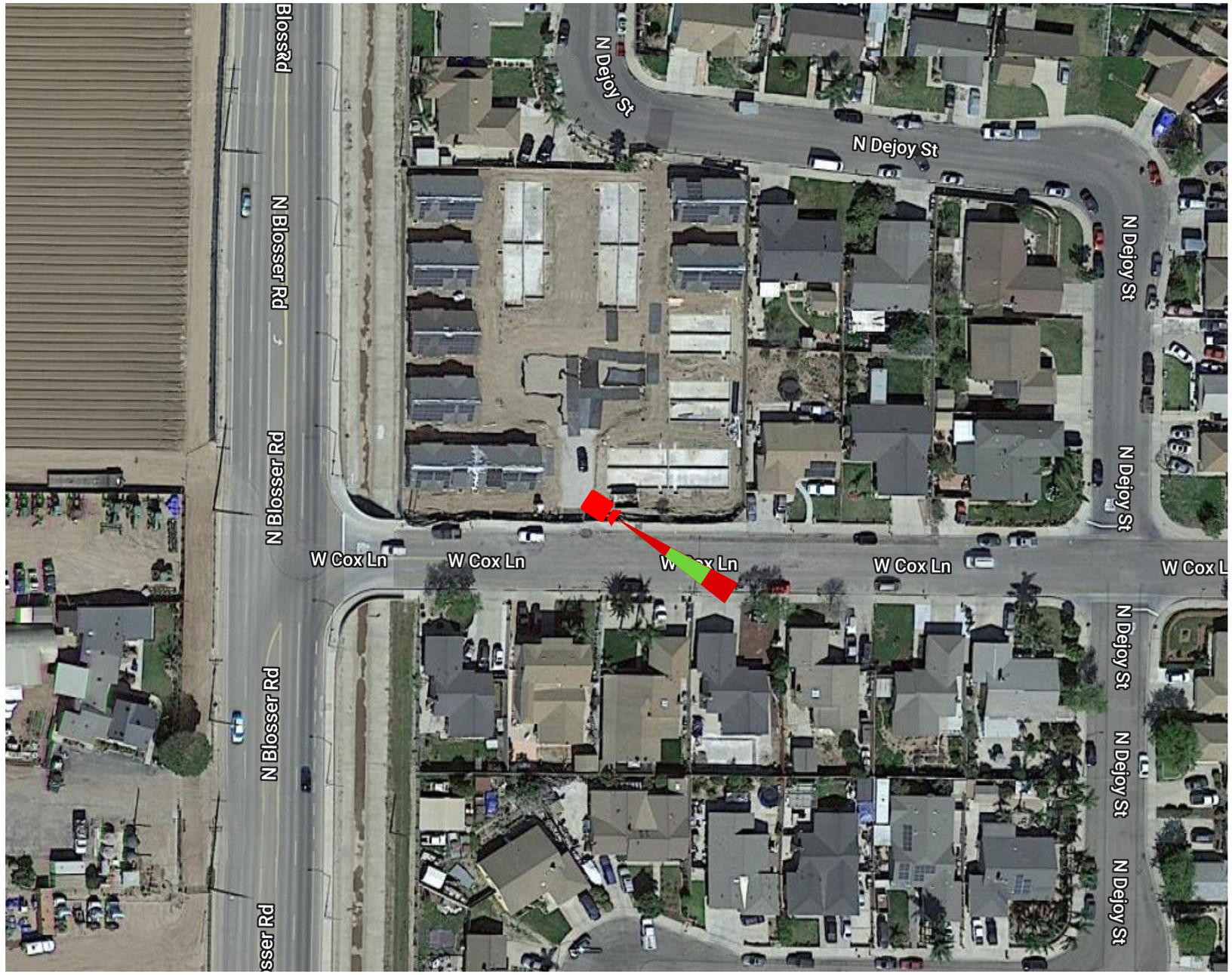
Position

Location Notes: None

Distance: 19.6 ft.

Property	Value
Camera Number	3
Name	#03 EB Cox (east of Blosser) (HA)
Address	1136 W Cox Ln, Santa Maria, CA 93458, USA
Direction	Eastbound
Lat	34.969500840010745
Lng	-120.452794393057
Pole Type	Flock Pole - 12 ft
Distance from Roadway (ft)	19.6
Speed Limit	25

Position



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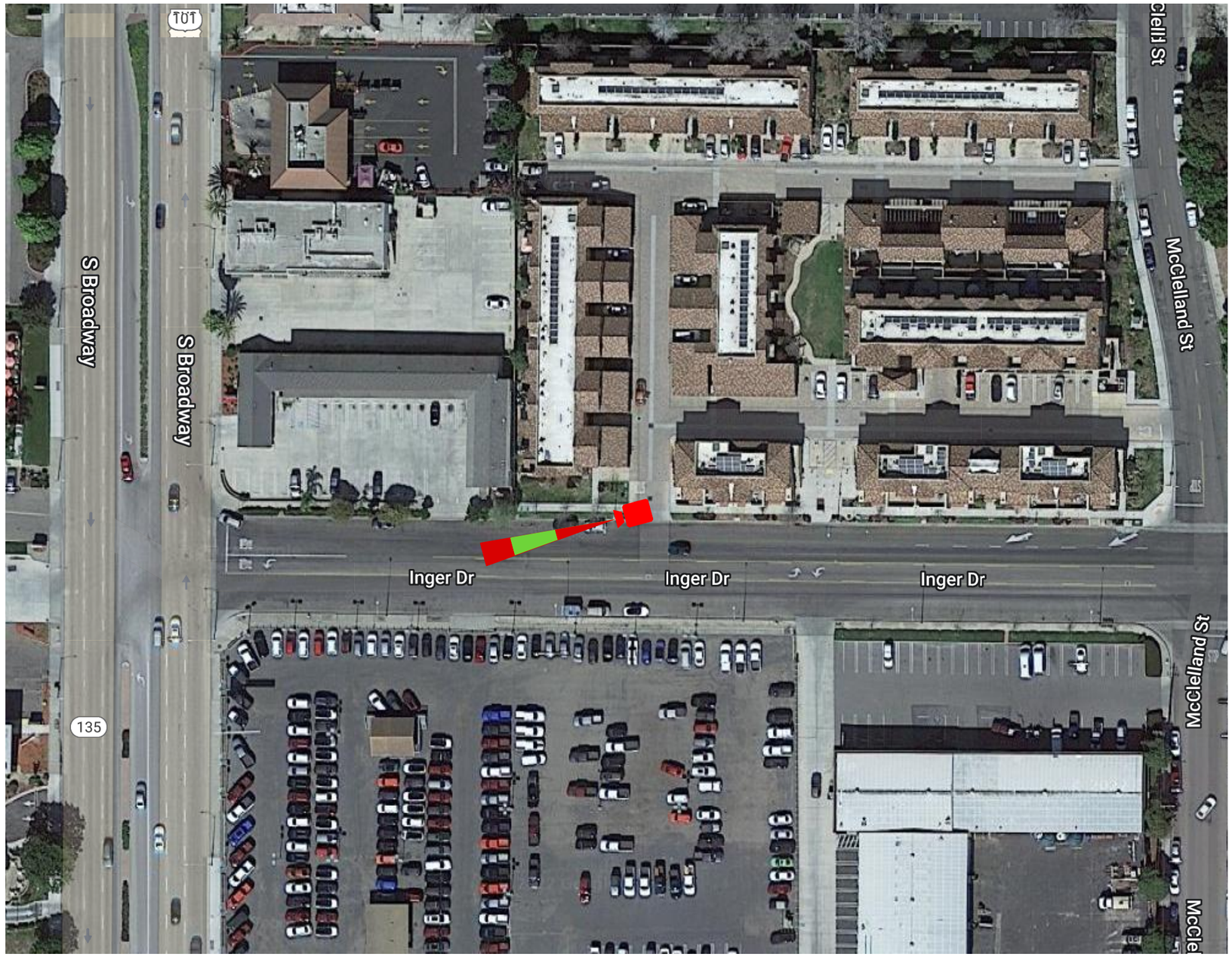
Location Notes: None

Distance: 5.5 ft.

Property	Value
Camera Number	4
Name	#04 WB Inger (east of Broadway)(HA)
Address	225 Inger Dr, Santa Maria, CA 93454, USA
Direction	Westbound
Lat	34.926693313234324
Lng	-120.43498946534406
Pole Type	Existing Light Pole
Distance from Roadway (ft)	5.5
Speed Limit	35

Position



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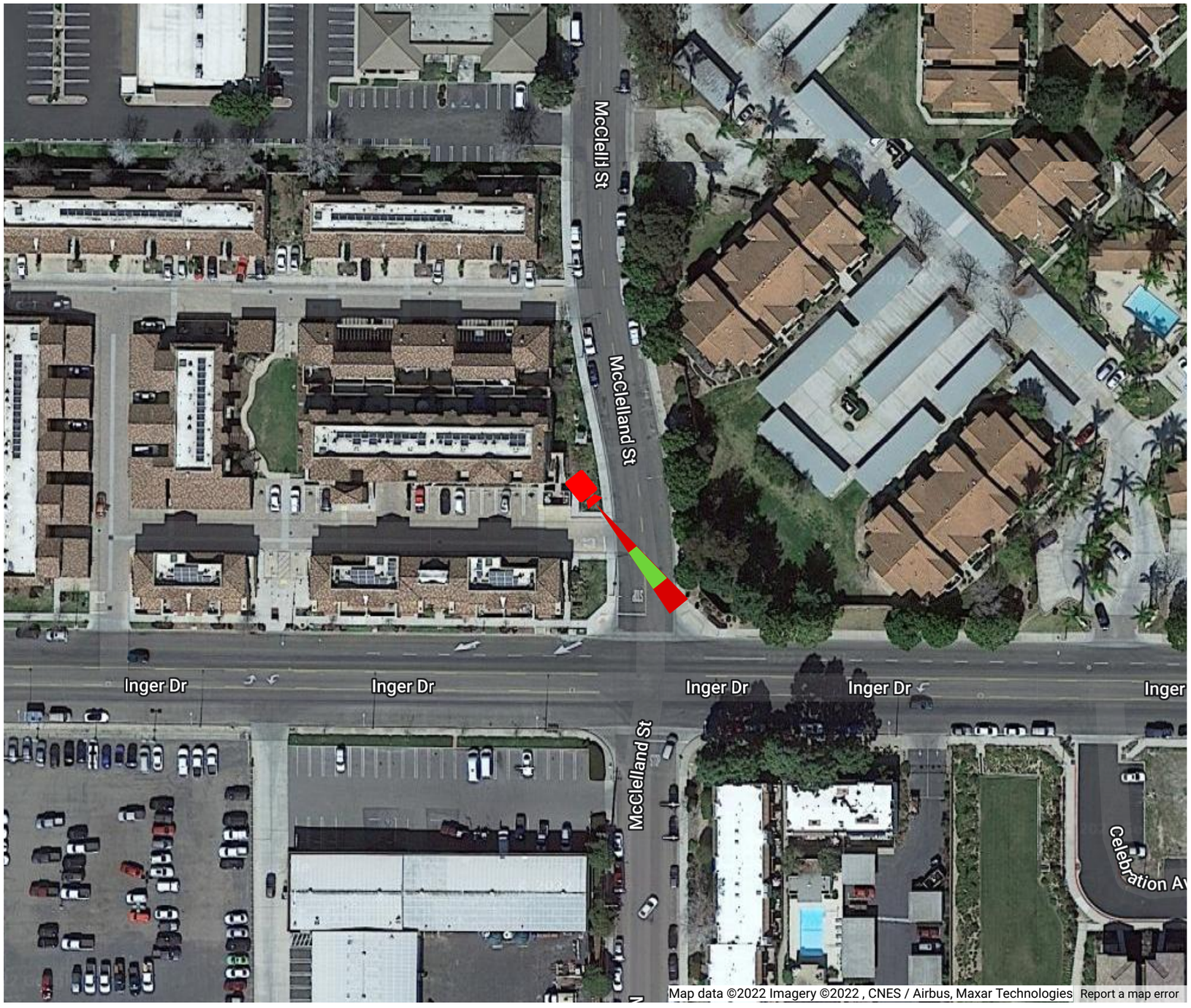
Location Notes: None

Distance: 12.9 ft.

Property	Value
Camera Number	5
Name	#05 SB McClelland (north of Inger)(HA)
Address	245 Inger Dr, Santa Maria, CA 93454, USA
Direction	Southbound
Lat	34.92692511452434
Lng	-120.4338152889635
Pole Type	Flock Pole - 12 ft
Distance from Roadway (ft)	12.9
Speed Limit	30

Position

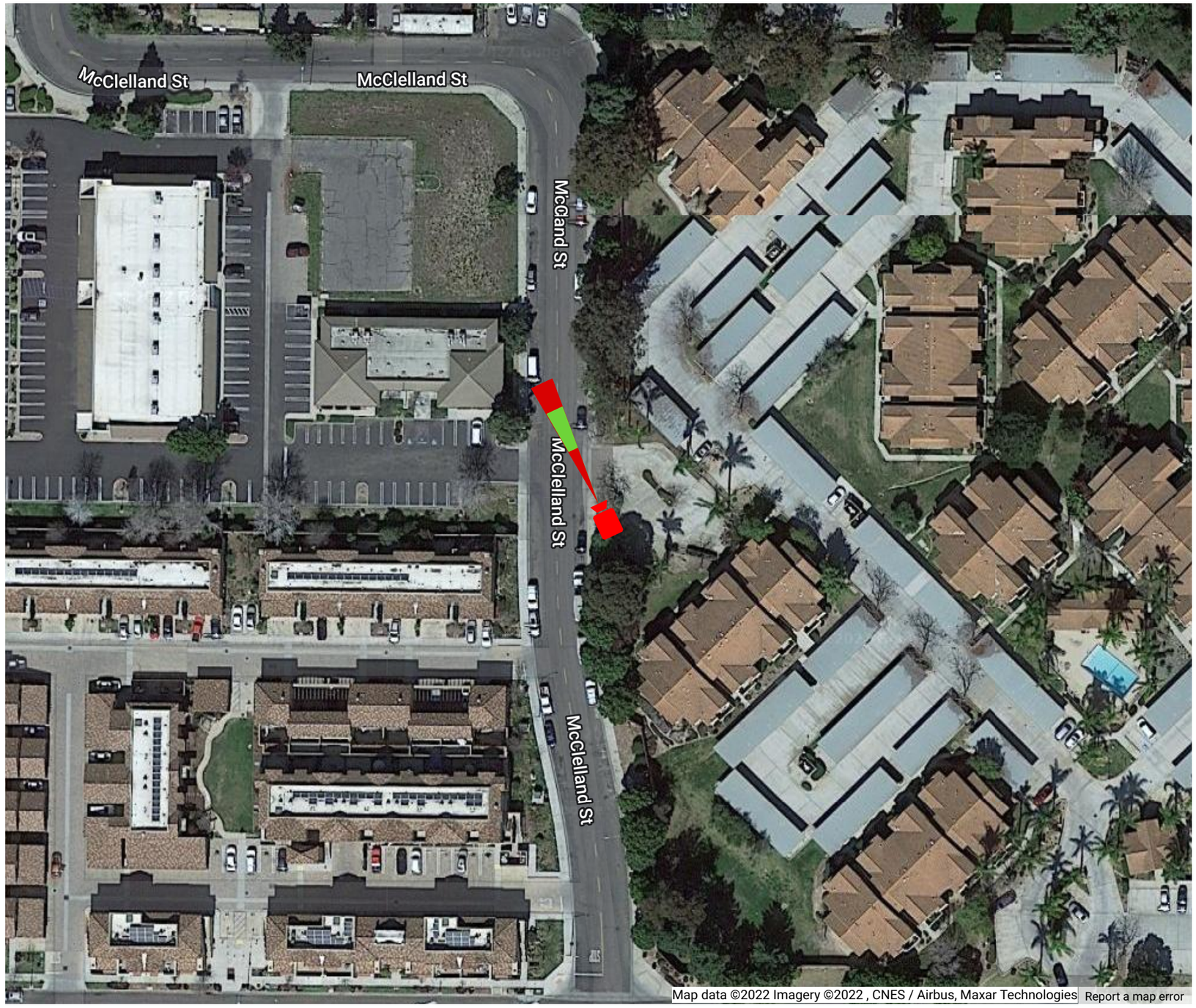


Location Notes: None

Distance: 9.7 ft.

Property	Value
Camera Number	6
Name	#06 NB McClelland (north of Inger)(HA)
Address	1779 McClelland St, Santa Maria, CA 93454, USA
Direction	Northbound
Lat	34.92758985459525
Lng	-120.43371015867739
Pole Type	Flock Pole - 12 ft
Distance from Roadway (ft)	9.7
Speed Limit	25

Position

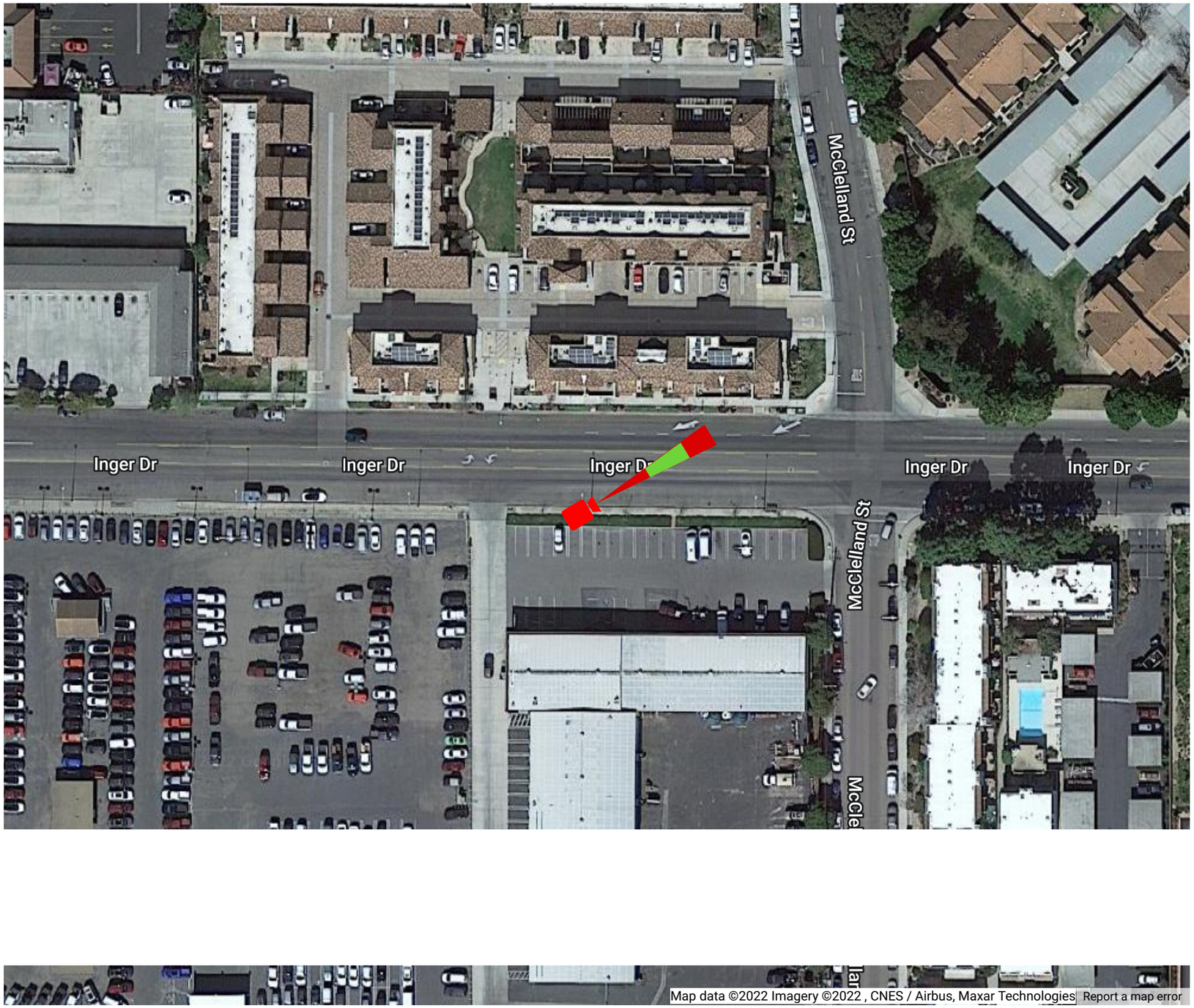


Location Notes: None

Distance: 6.5 ft.

Property	Value
Camera Number	7
Name	#07 EB Inger (east of Broadway)(HA)
Address	235 Inger Dr, Santa Maria, CA 93454, USA
Direction	Eastbound
Lat	34.926512749395265
Lng	-120.43430647124282
Pole Type	Existing Light Pole
Distance from Roadway (ft)	6.5
Speed Limit	35

Position

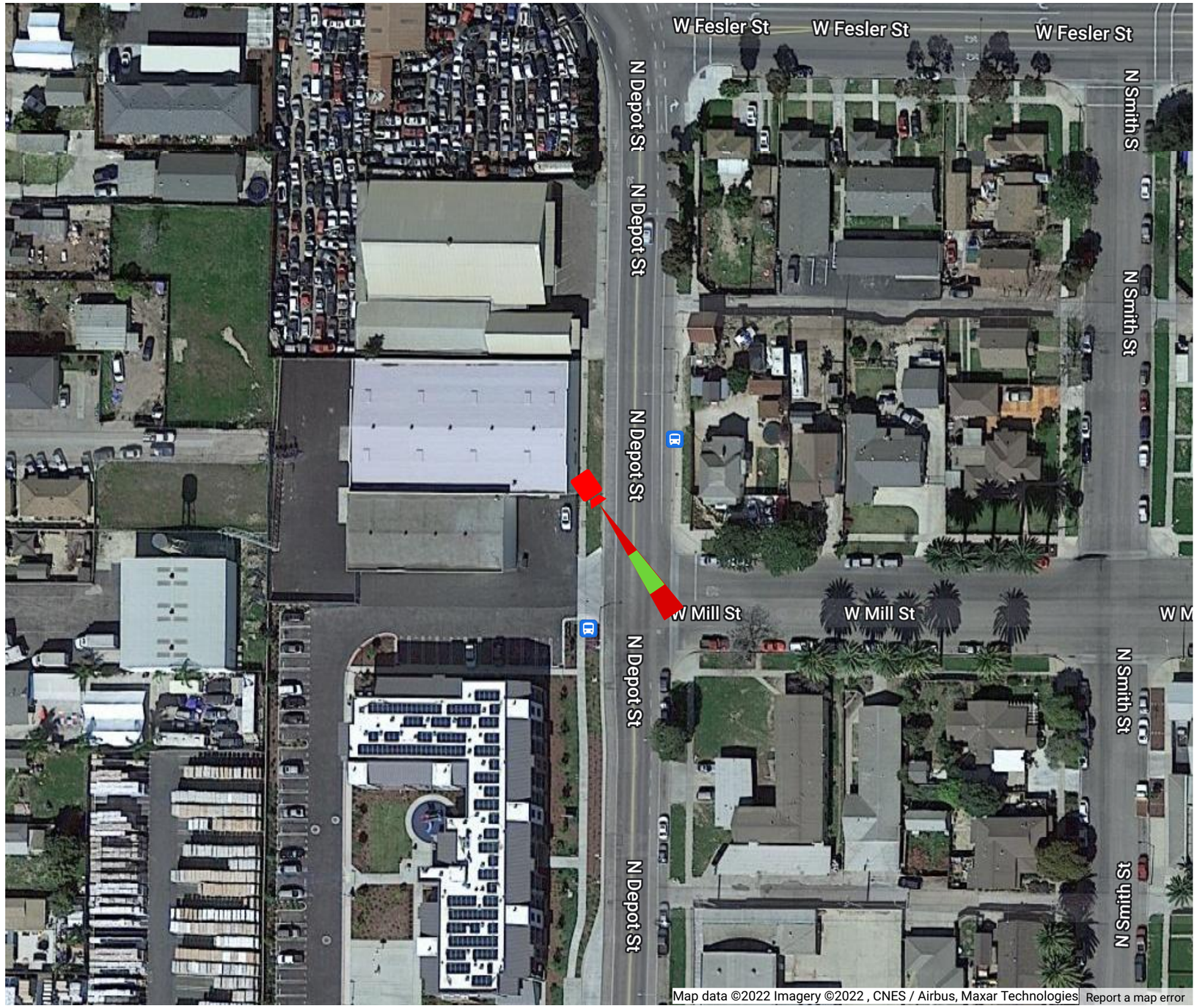


Location Notes: None

Distance: 10.6 ft.

Property	Value
Camera Number	8
Name	#08 SB Depot (north of Mill) (HA)
Address	317 N Depot St, Santa Maria, CA 93458, USA
Direction	Southbound
Lat	34.95561703037067
Lng	-120.44403833412028
Pole Type	Flock Pole - 12 ft
Distance from Roadway (ft)	10.6
Speed Limit	30

Position

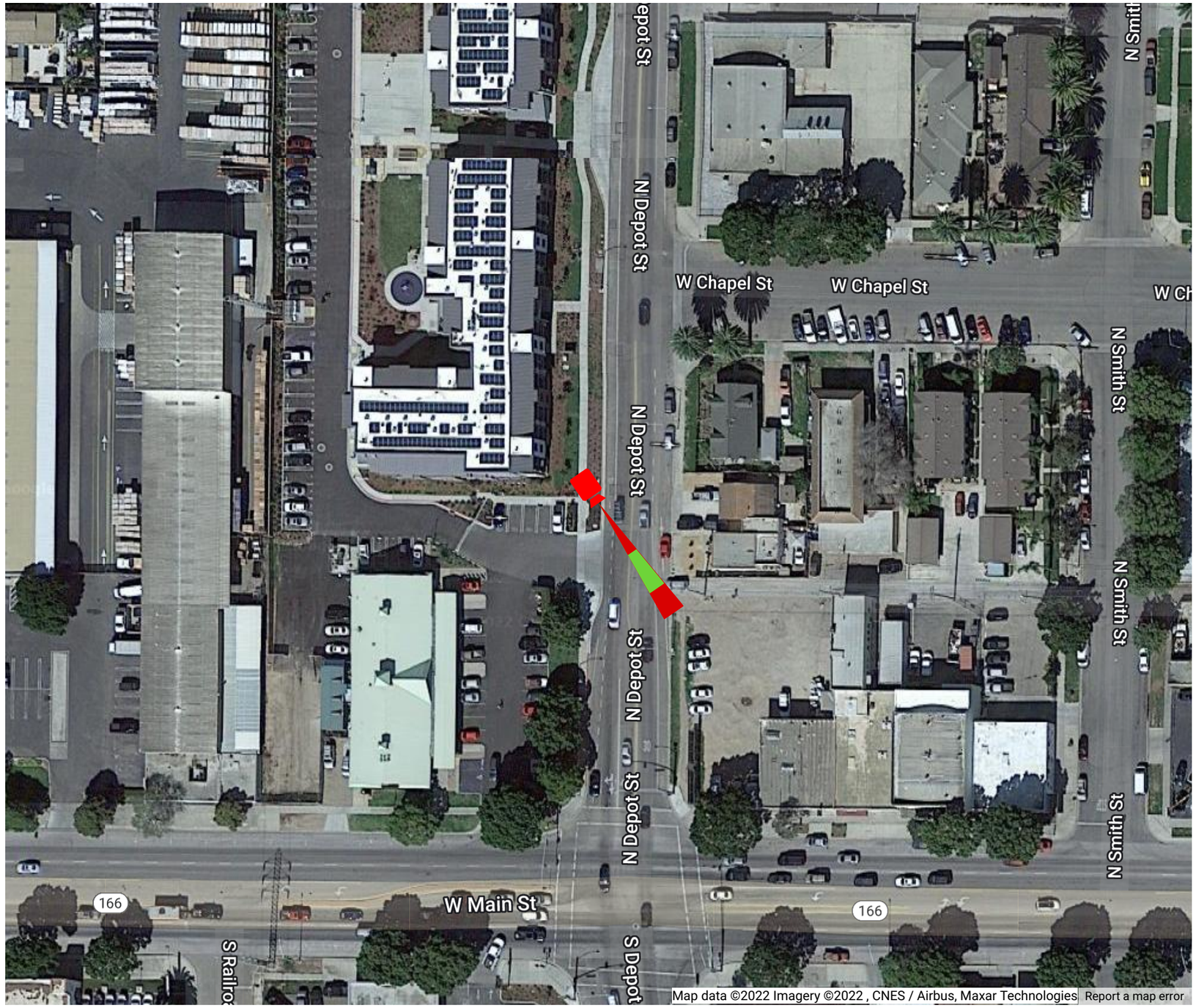


Location Notes: None

Distance: 10.8 ft.

Property	Value
Camera Number	9
Name	#09 SB Depot (north of Main) (HA)
Address	201 N Depot St, Santa Maria, CA 93458, USA
Direction	Southbound
Lat	34.953941948868184
Lng	-120.44406139840986
Pole Type	Flock Pole - 12 ft
Distance from Roadway (ft)	10.8
Speed Limit	30

Position



Location Notes: None

Distance: 9.3 ft.

Property	Value
Camera Number	10
Name	#10 NB Depot (north of Mill) (HA)
Address	301 N Depot St, Santa Maria, CA 93458, USA
Direction	Northbound
Lat	34.95584087820341
Lng	-120.44386375900909
Pole Type	Existing Light Pole
Distance from Roadway (ft)	9.3
Speed Limit	35

Position

Location Notes: None

Distance: 4.3 ft.

Property	Value
Camera Number	11
Name	#11 SB Alley (Chapel and Vine)(HA)
Address	298 E Chapel St, Santa Maria, CA 93454, USA
Direction	Southbound
Lat	34.953826187449934
Lng	-120.43318181028471
Pole Type	Existing Light Pole
Distance from Roadway (ft)	4.3
Speed Limit	25

Position

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Location Notes: Attn tech: Must shoot across street into parking lot.

Distance: 3.8 ft.

Property	Value
Camera Number	12
Name	#12 EB Chapel (west of Vine) (HA)
Address	298 E Chapel St, Santa Maria, CA 93454, USA
Direction	Eastbound
Lat	34.95378880438056
Lng	-120.43321585963812
Pole Type	Existing Light Pole
Distance from Roadway (ft)	3.8
Speed Limit	25

Position

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Location Notes: None

Distance: 4.6 ft.

Property	Value
Camera Number	13
Name	#13 WB Chapel (east of McClelland)(HA)
Address	110 N McClelland St, Santa Maria, CA 93454, USA
Direction	Westbound
Lat	34.953805668363465
Lng	-120.43398241714912
Pole Type	Existing Light Pole
Distance from Roadway (ft)	4.6
Speed Limit	25

Position

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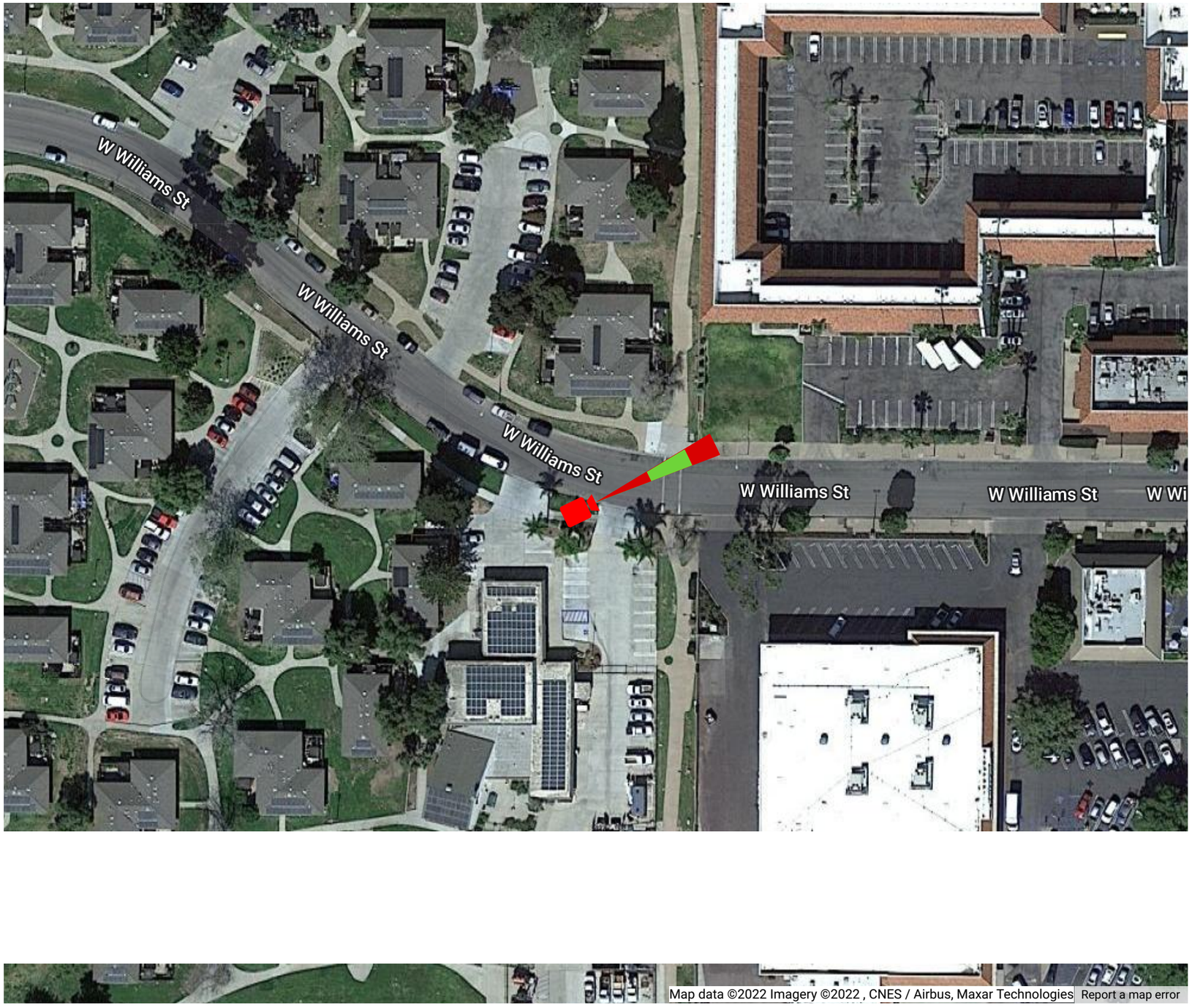
Location Notes: None

Distance: 6.7 ft.

Property	Value
Camera Number	14
Name	#14 EB Williams (west of Broadway)(HA)
Address	201B W Williams St, Santa Maria, CA 93458, USA
Direction	Eastbound
Lat	34.96985946158374
Lng	-120.43728031297637
Pole Type	Flock Pole - 12 ft
Distance from Roadway (ft)	6.7
Speed Limit	25

Position


W Williams St
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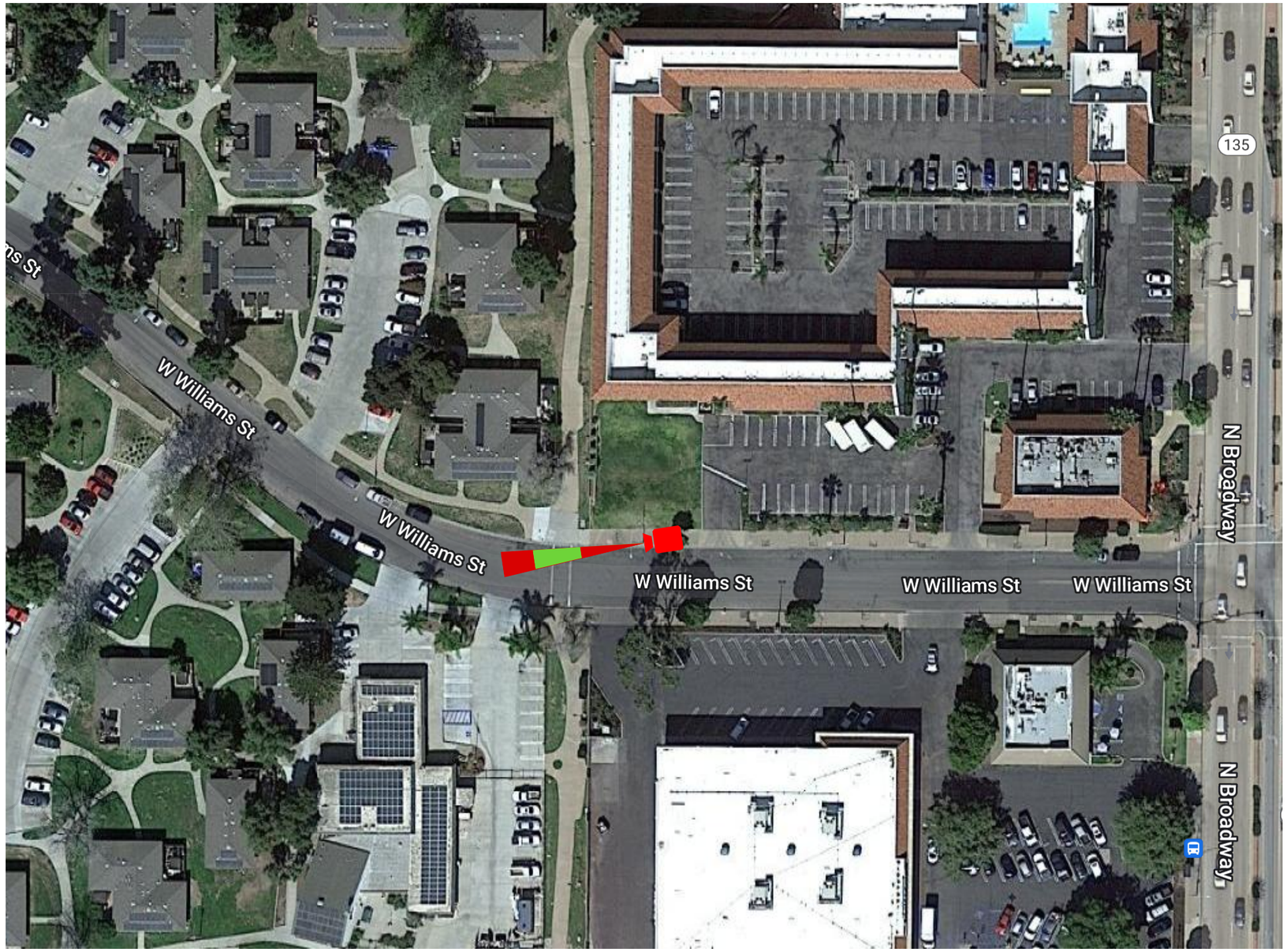
Map data ©2022 Imagery ©2022 , CNES / Airbus, Maxar Technologies
Report a map error

Location Notes: None

Distance: 8.4 ft.

Property	Value
Camera Number	15
Name	#15 WB Williams (west of Broadway)(HA)
Address	201A W Williams St, Santa Maria, CA 93458, USA
Direction	Westbound
Lat	34.969945593923754
Lng	-120.43693568741237
Pole Type	Existing Light Pole
Distance from Roadway (ft)	8.4
Speed Limit	25

Position



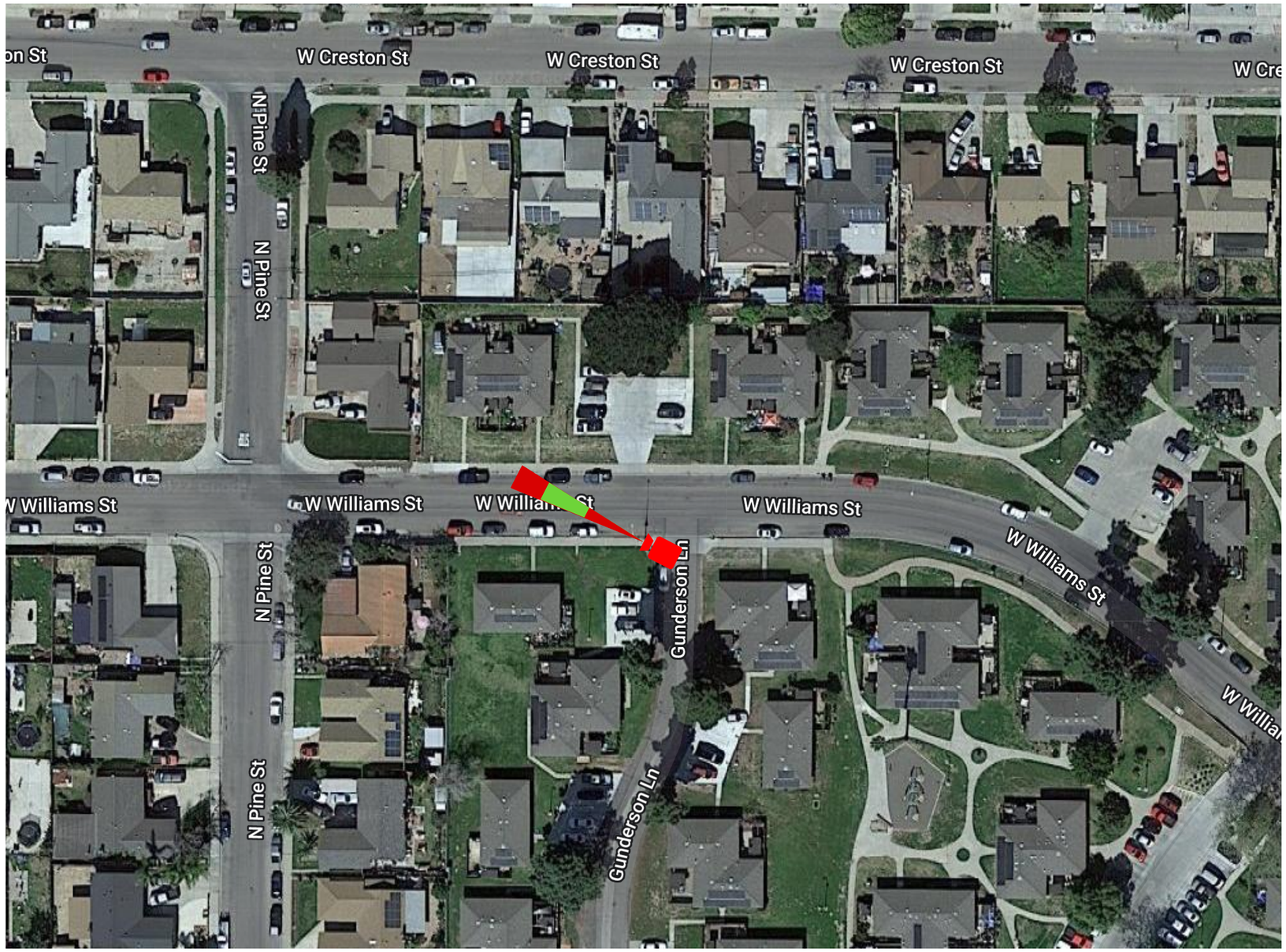
Map data ©2022 Imagery ©2022 , CNES / Airbus, Maxar Technologies Report a map error

Location Notes: None

Distance: 3.2 ft.

Property	Value
Camera Number	16
Name	#16 WB Williams (at Gunderson)(HA)
Address	1717a Gunderson Ln, Santa Maria, CA 93458, USA
Direction	Westbound
Lat	34.970511500676096
Lng	-120.43916934292531
Pole Type	Existing Light Pole
Distance from Roadway (ft)	3.2
Speed Limit	25

Position



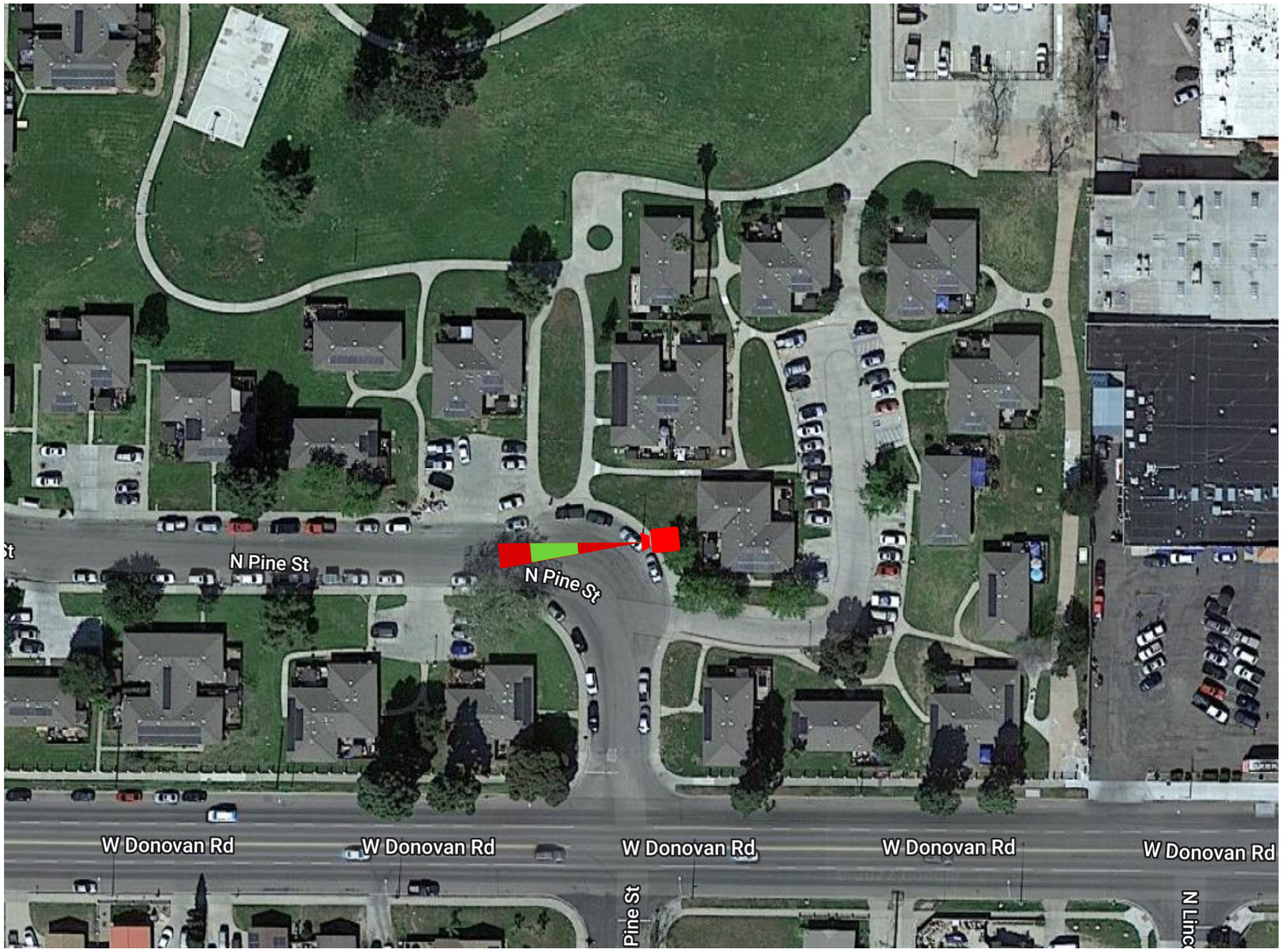
Map data ©2022 Imagery ©2022 , CNES / Airbus, Maxar Technologies Report a map error

Location Notes: None

Distance: 7 ft.

Property	Value
Camera Number	17
Name	#17 WB Pine (north of Donovan)(HA)
Address	1600 N Pine St, Santa Maria, CA 93458, USA
Direction	Westbound
Lat	34.96826064203728
Lng	-120.43801082572517
Pole Type	Existing Light Pole
Distance from Roadway (ft)	7
Speed Limit	25

Position



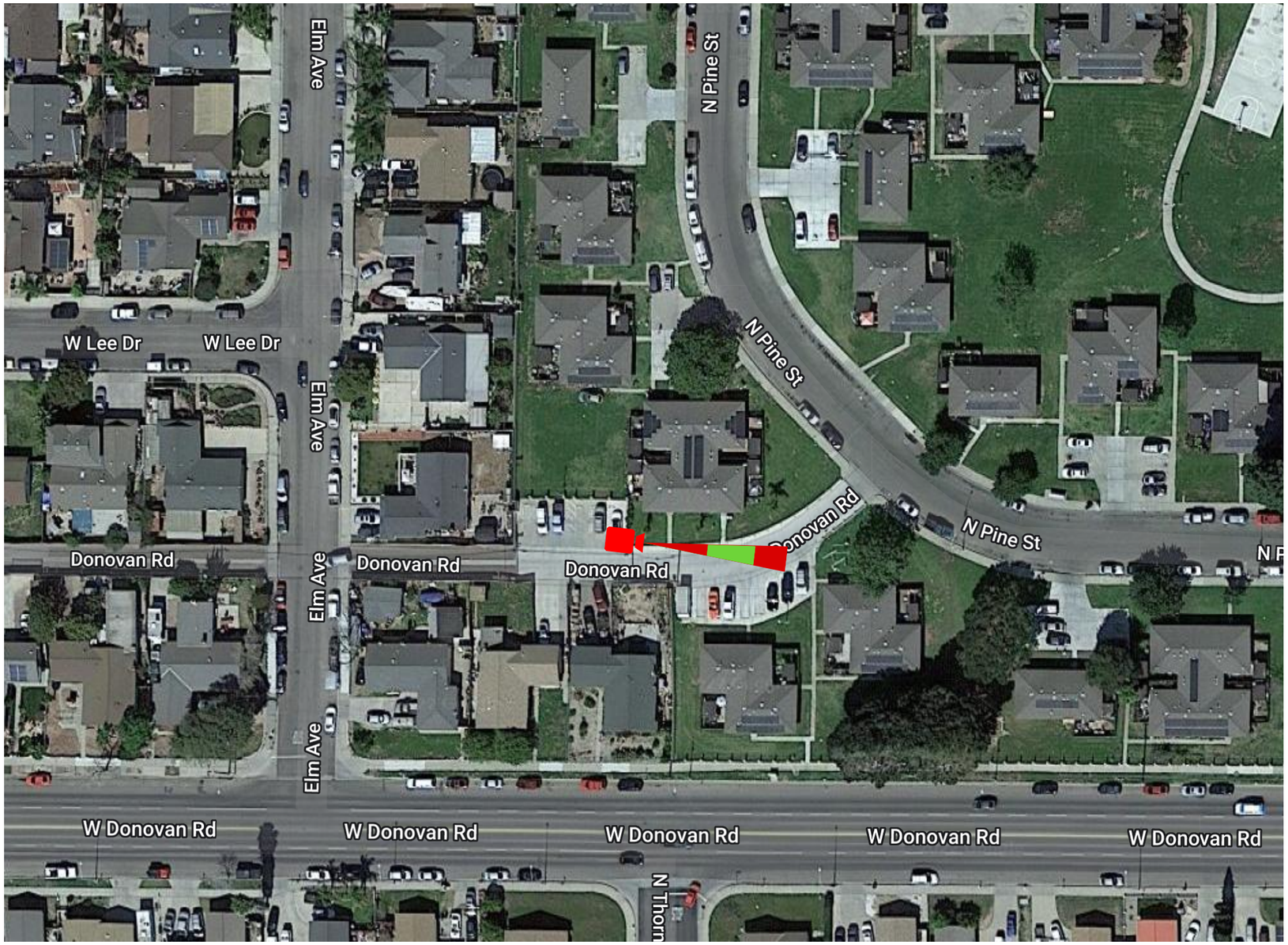
Map data ©2022 Imagery ©2022 , CNES / Airbus, Maxar Technologies Report a map error

Location Notes: Attn tech: Please make sure camera captures WB traffic.

Distance: 5.2 ft.

Property	Value
Camera Number	18
Name	#18 EB Alley (Elm to Pine) (HA)
Address	1707d Donovan Rd, Santa Maria, CA 93458, USA
Direction	Eastbound
Lat	34.968245315100496
Lng	-120.44015921097528
Pole Type	Flock Pole - 12 ft
Distance from Roadway (ft)	5.2
Speed Limit	25

Position

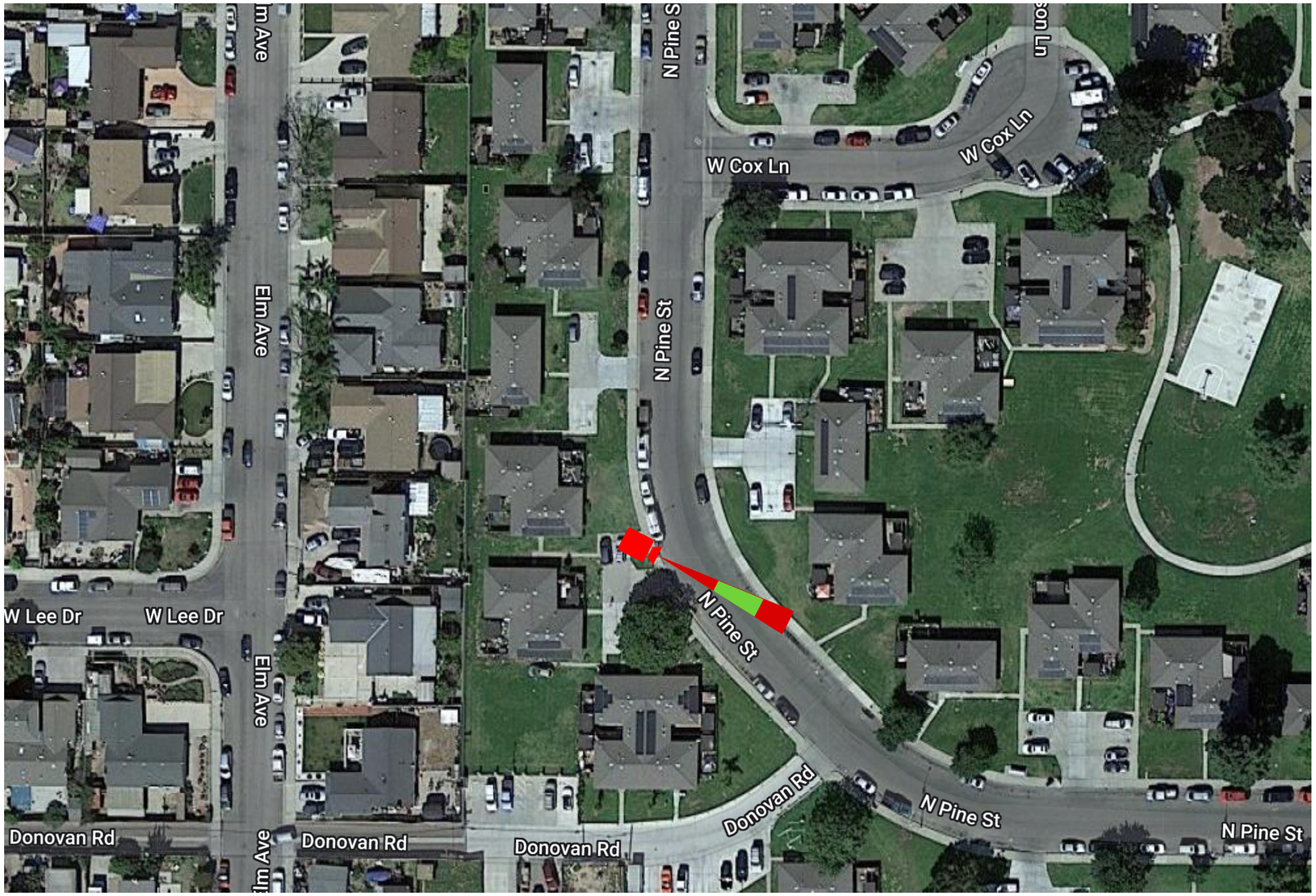


Location Notes: None

Distance: 6.1 ft.

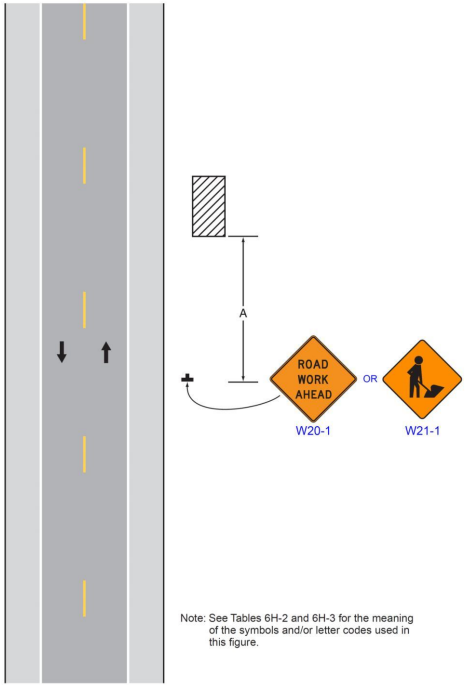
Property	Value
Camera Number	19
Name	#19 SB Pine (south of Cox) (HA)
Address	1707 N Pine St, Santa Maria, CA 93458, USA
Direction	Eastbound
Lat	34.96868858733539
Lng	-120.4400298506044
Pole Type	Existing Light Pole
Distance from Roadway (ft)	6.1
Speed Limit	25

Position



Location Notes: None

Figure 6H-1. Work Beyond the Shoulder (TA-1)



Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

Typical Application 1

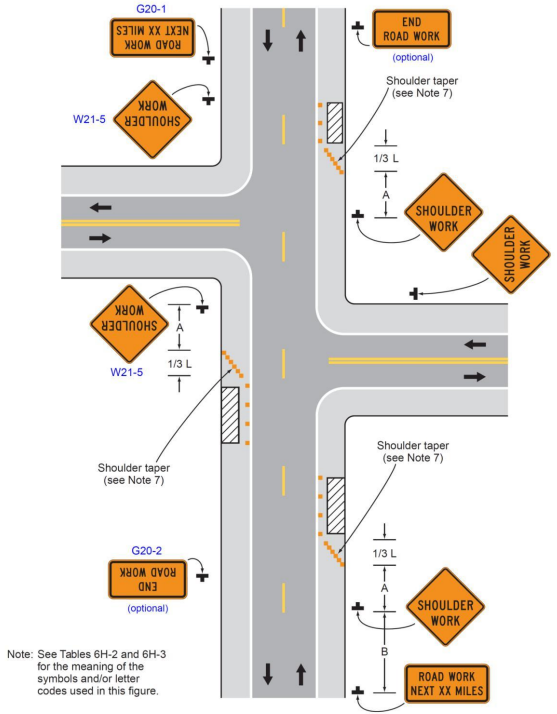
Flock Safety Camera Installation
Santa Maria
Flock Safety
permit@flocksafety.com, (416)669-0341

Applicable to locations:

#33 EB Alvin (East of Lincoln)

#35 EB Betteravia (near Bradley Lane 1)
#37 EB Betteravia (West of Broadway)
#39 EB Betteravia (West of Centerpointe)
#40 NB Lincoln (South of Battles)
#41 EB Chapel (West of Knights)
#42 NB Miller (North of Betteravia)
#43 EB Cook (West of Railroad)
#52 NB Nicholson (south of Main)
#54 NB Palisade (South of Main)
#59 EB Main (West of Concord)
#73 NB Blosser (South of Carmen)
#74 SB Blosser (North of Betteravia)
#79 NB Bradley (North of Stowell)
#80 SB Blosser (South of Morrison)
#86 SB Bradley (North of Hancock)
#91 NB College (North of Southside Pkwy)
#95 SB College (North of Sunrise)
100 WB Stowell (West of Kameo)
102 WB Taylor (East of Lincoln)
106 SB Railroad (North of Patti)
107 SB Santa Maria Way (South of Miller)
109 SB Suey @ Jones (Facing South/Southwest)
110 SB Thornburg (South of Carmen)
111 SB Western (North of Alvin)
118 WB Donovan (East of College)
122 WB Fessler (east of Depot)
123 WB Grant (East of Lincoln)
126 WB Main (West of Concord)
130 WB Morrison (East of Broadway)
132 WB Stowell (East of Concepcion)
133 SB Miller (South of Cook)
134 WB Stowell (East of Smith)

Figure 6H-3. Work on the Shoulders (TA-3)

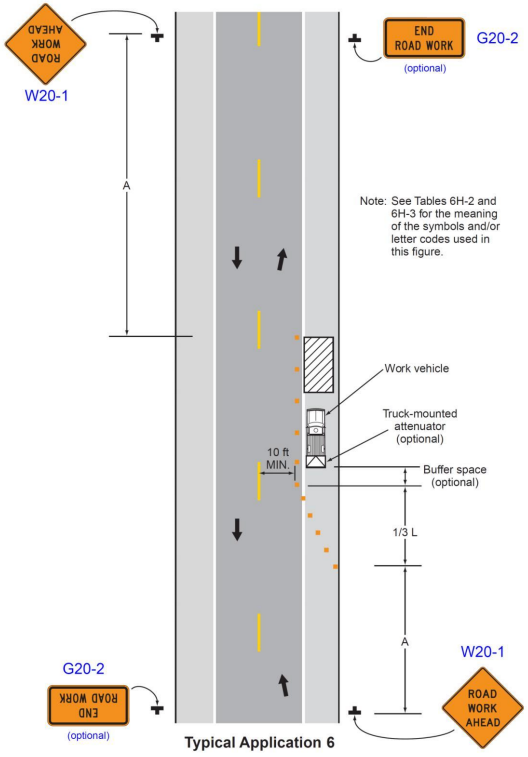


Typical Application 3

Applicable to locations:

#48 NB Miller (South of Enos)
#55 EB Grant (West of Vine)
#60 NB Santa Maria Way (South of Sunrise)
#62 NB Skyway (South of Air Park)
#64 NB Suey (South of Main)
#67 EB Taylor (Easto of Curryer)
#89 NB College (North of Santa Maria Way)
108 SB Suey (South of Suey Crossing)
114 WB Alvin (east of Mary)
115 WB Alvin (West of Concepcion)
117 WB Cook (West of Smith)
119 WB Donovan (East of Thornburg)
120 WB Donovan (West of McClelland)
121 WB Fesler (East of Western)

Figure 6H-6. Shoulder Work with Minor Encroachment (TA-6)

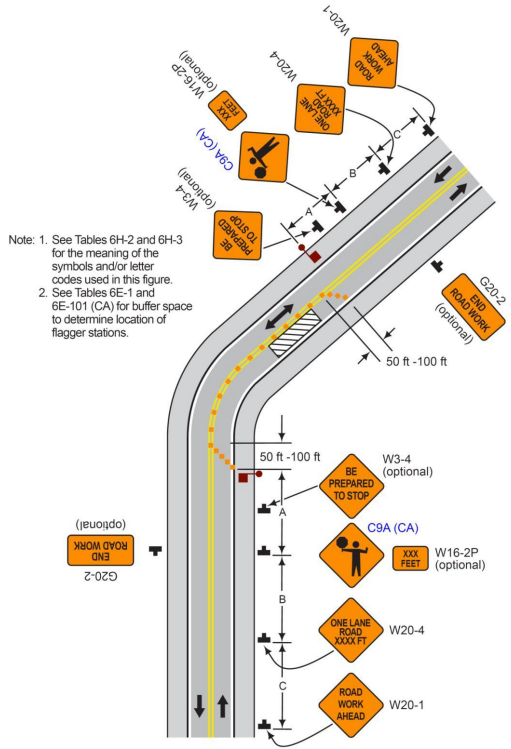


Typical Application 6

Applicable to locations:

#47 EB Donovan (East of western)
#51 EB Fesler (West of Miller)
#53 EB Fesler (West of Thornburg)
#56 NB Pine (South of Jones)
#61 EB McCoy (West of Miller)
#66 NB Thornburg (South of Battles)
#68 NB Western (North of Cox)
#72 NB Western (South of Church)
#75 NB Blosser (South of Fesler)
#76 SB Blosser (South of Alvin)
#78 SB Blosser (South of Canal)
#84 SB Bradley (North of Cypress)
#94 SB College (North of Battles)
#97 SB Lincoln (South of Shelia)
#98 SB Lynne (south of Lee)
#99 SB Miller (North of Sunset)
101 SB Panther (North of Alcala)
103 SB Preikser (North of Meadow gate)
104 WB Williams (East of Elm)
105 SB Railroad (North of Donovan)
112 SB Western (north of Knudsen)
113 SB Western (North of Main)
127 SB College (South of Donovan)
131 SB Miller (South of Betteravia)
135 SB Miller (South of Newlove)

Figure 6H-10 (CA). Lane Closure on Two-Lane Road Using Flaggers (TA-10)

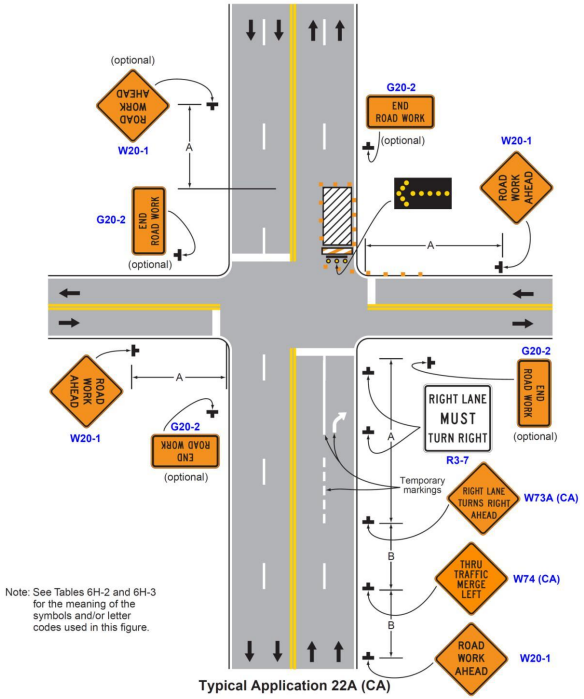


Typical Application 10

Applicable to locations:

#46 NB Miller (South of Alvin)
#58 NB Railroad (South of Via Castillo)
124 WB Hidden Pines (east of Ebony)
125 WB Jones (near 101 overpass)

Figure 6H-22A(CA). Right-Hand Lane Closure on the Far Side of an Intersection (TA-22A (CA))

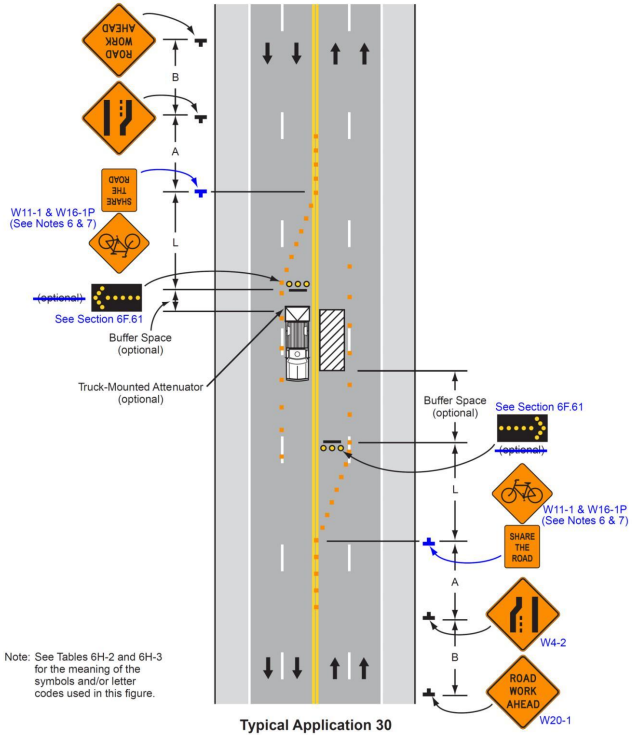


Typical Application 22A (CA)

Applicable to locations:

#50 NB Miller (South of Main)
#53 EB Fesler (West of Thornburg)
#65 EB Stowell (West of Entrada)
#70 NB Western (north of Gunner)
#96 SB College (South of Cook)

Figure 6H-30. Interior Lane Closure on Multi-lane Street (TA-30)

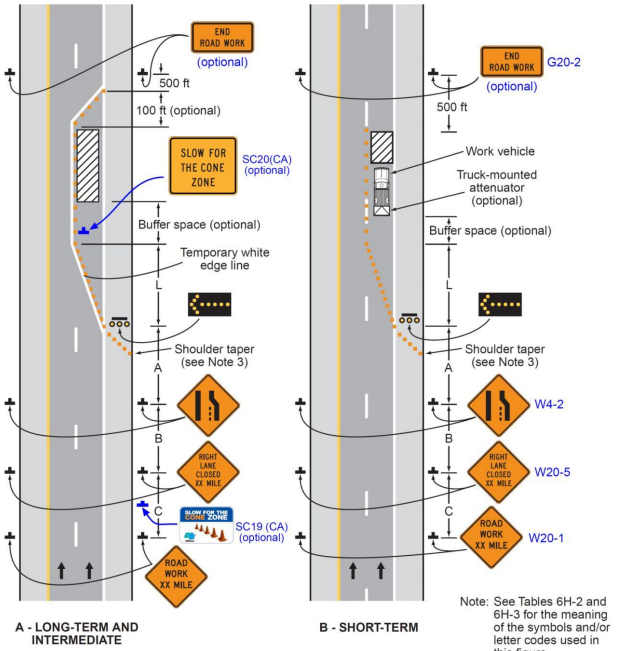


Typical Application 30

Applicable to locations:

#77 NB Bradley (North of Hancock)
116 WB Betteravia (East of Broadway SCL)

Figure 6H-33. Stationary Lane Closure on a Divided Highway (TA-33)

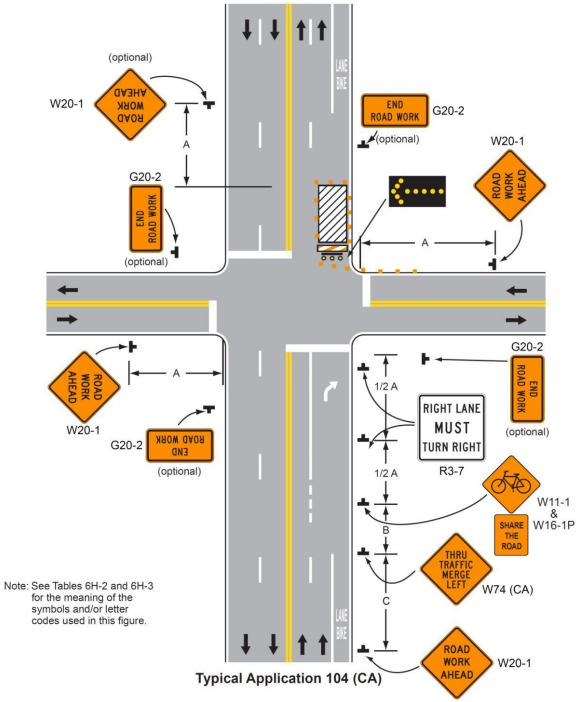


Typical Application 33

Applicable to locations:

#32 NB College (South of Mill)
#34 NB College (South of Stowell)
#36 NB Depot (South of Battles)
#38 NB Depot (South of Chapel)
#44 NB Miller (North of Santa Maria Way)
#45 EB Donovan (Between Lincoln and Pine)
#49 EB Donovan (West of Pepperwood)
#93 EB Alvin (East of Bradley)
128 WB McCoy (East of Miller)
129 WB McCoy (East of Professional Parkway)

Figure 6H-104 (CA). Right Lane and Bike Lane Closure on Far Side of Intersection (TA-104 (CA))

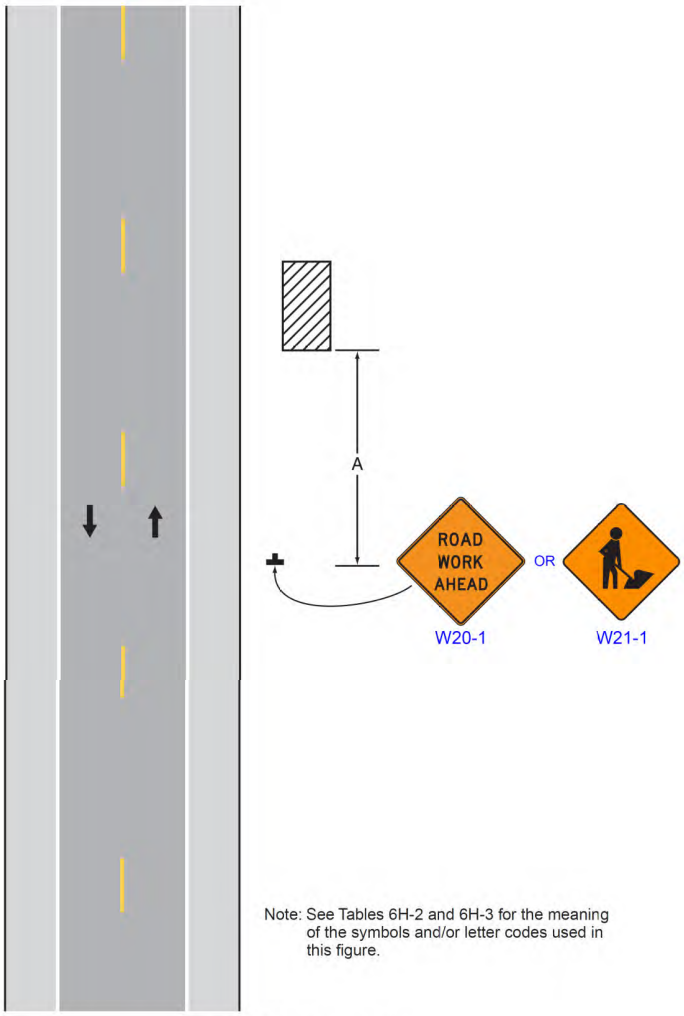


Typical Application 104 (CA)

Applicable to locations:

#69 NB Blosser (North of Cox)
#71 NB Blosser (North of Rancho Verde)
#81 NB Bradley (South of Betteravia)
#82 SB Bradley (North of Crossroads)

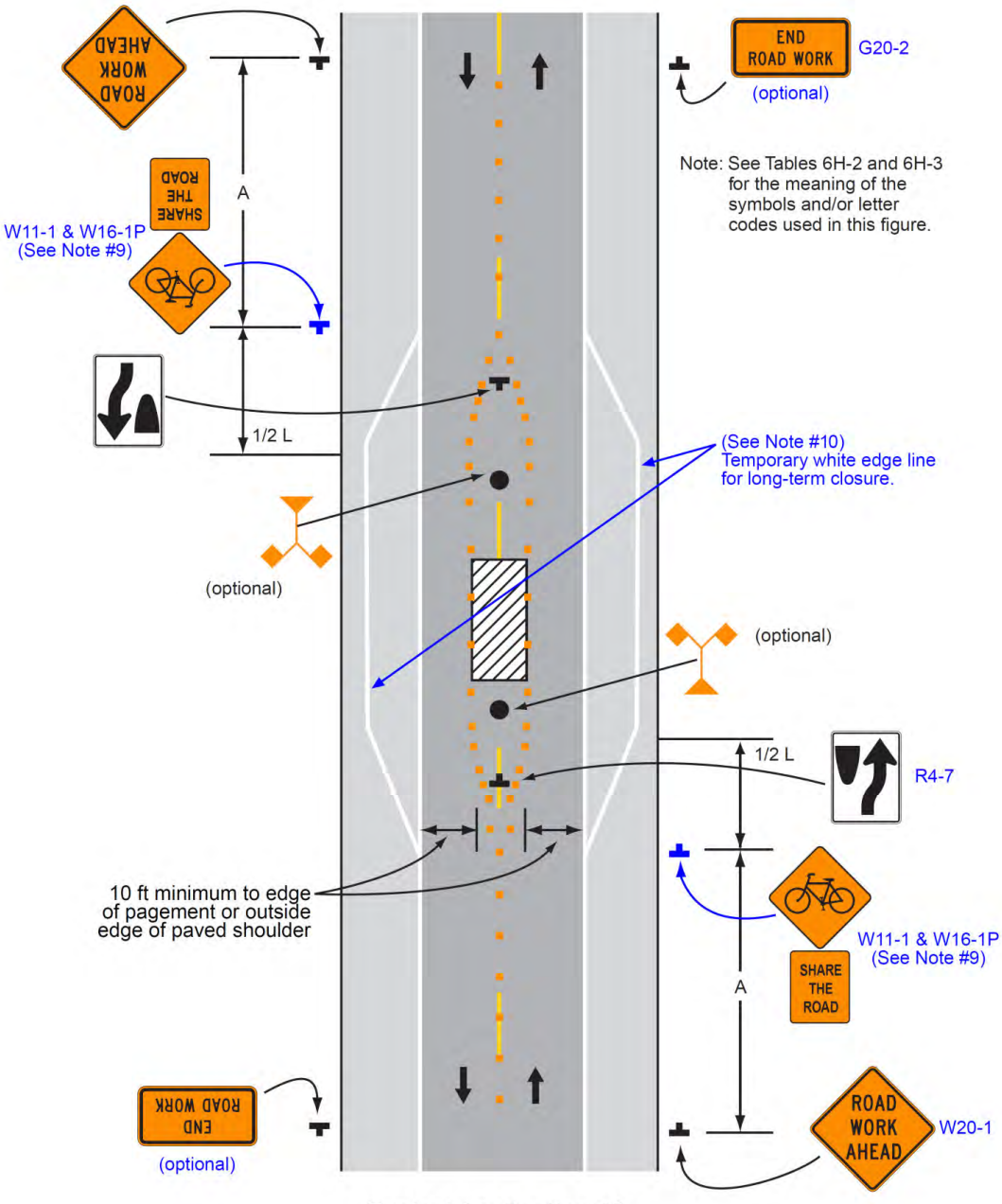
Figure 6H-1. Work Beyond the Shoulder (TA-1)



Typical Application 1

Applicable to Locations:
#01 Hamilton Ave @ NB Hwy 17 On Ramp
#02 EB E Hamilton Ave @ Salmar Ave
#04 NB Salmar Ave @ E Hamilton Ave
#06 NB Creekside Wy (Lanes 3&4) @ E Hamilton Ave
#07 WB E Hamilton Ave @ SB 17 Off ramp
#09 WB Camden Ave (Lanes 3&4) @ NB Hwy 17 On Ramp
#11 WB San Thomas Expy @ SB Hwy 17 Off Ramp
#12 EB San Thomas Expy @ Hwy 17
#13 NB White Oaks Rd @ Camden Ave
#14 SB Curtner Ave @ Camden Ave
#15 WB W Campbell Ave @ San Thomas Expy
#16 EB Campbell Ave @ San Thomas Expy
#17 S Bascom Ave @ Fewtrell Dr - NB
#18 SB Winchester Blvd @ W Hamilton Ave
#19 EB E Campbell Ave @ N 1st St

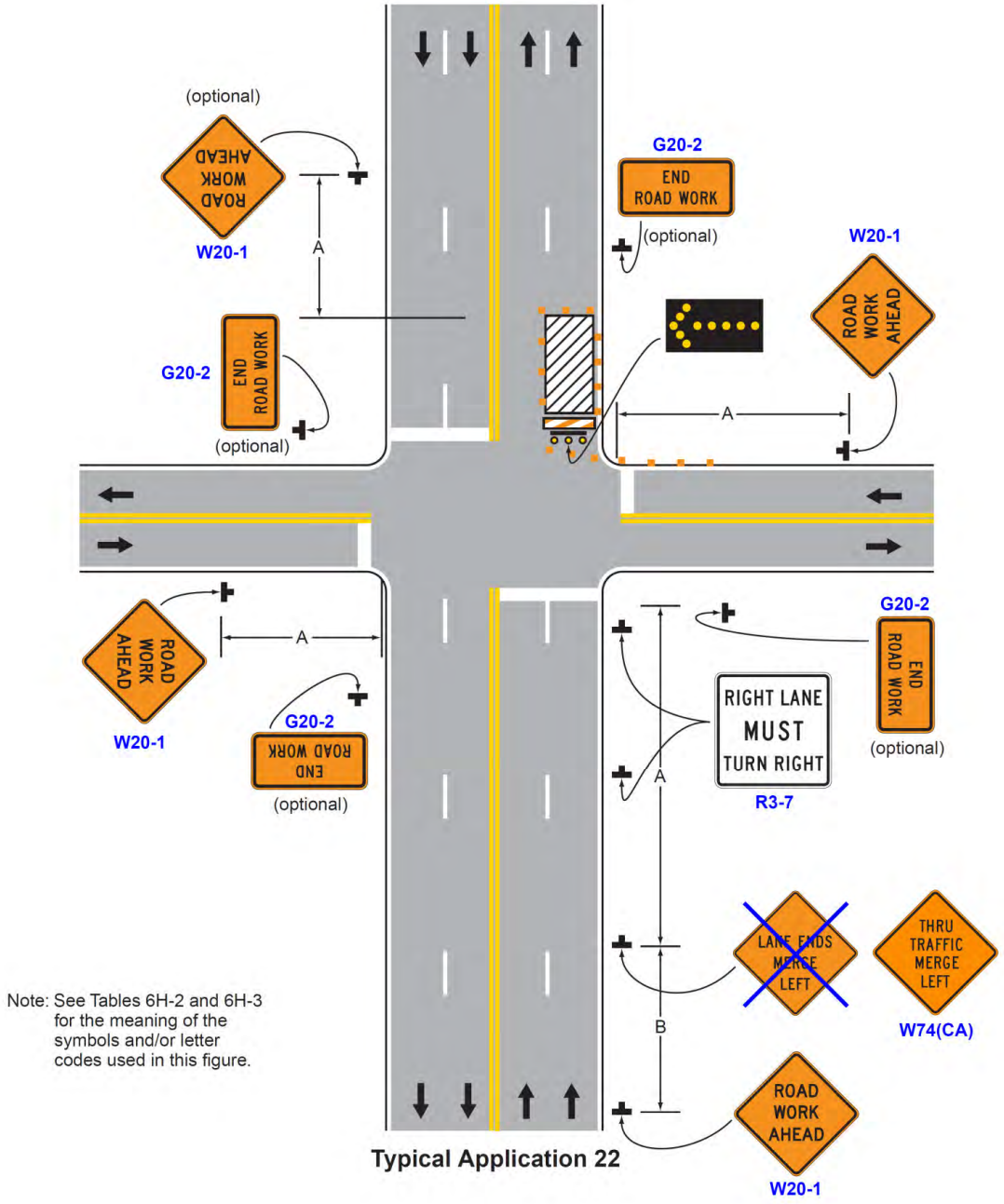
Figure 6H-15. Work in Center of Road with Low Traffic Volumes (TA-15)



Typical Application 15

Applicable to Locations:
#05 NB Creekside Wy (Lanes 1&2) @ E Hamilton Ave
#08 WB E Hamilton Ave @ Almarida Dr
#10 WB Camden Ave (Lanes 1&2) @ Erin Wy

Figure 6H-22. Right-Hand Lane Closure on the Far Side of an Intersection (TA-22)



Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

Applicable to Location:
#03 WB E Hamilton Ave @ SB Hwy 17 Off Ramp SB

PUBLIC IMPROVEMENT PERMIT ■ ENCROACHMENT PERMIT

PUBLIC WORKS ■ CITY OF SANTA MARIA
110 S. PINE ST #221 ■ SANTA MARIA, CA 93458 ■ PHONE (805) 925-0951, EXT. 2225

PERMIT NO.: ENC23-0218 DATE ISSUED:

JOB ADDRESS:	APN:	REFERENCE:
1430 W MCCOY LN	111-051-014	INSTALL 2 FLOCK SAFETY CAMERAS

APPLICANT

NAME: FLOCK SAFETY

ADDRESS: 1170 HOWELL MILL RD NW UNIT 210

ATLANTA GA 30318 PHONE: (407)574-4305

CONTRACTOR

NAME: FLOCK SAFETY LIC. NO.:

ADDRESS: 1170 HOWELL MILL RD NW UNIT 210

ATLANTA GA 30318 PHONE: (407)574-4305

DESCRIPTION OF PUBLIC IMPROVEMENTS/ENCROACHMENT

NO FEE PERMIT - SMPD JOB

WORK INCLUDES INSTALLATION OF FLOCK SAFETY AUTOMATIC SOLAR POWERED LICENSE PLATE READING CAMERAS ON 2 EXISTING STREETLIGHT POLES.

ALL EXISTING UTILITIES TO BE PROTECTED IN PLACE.
ALL TRAFFIC CONTROL AND PEDESTRIAN DETOURS SHALL CONFORM TO CAMUTCD.

CONTACT THE INSPECTION HOTLINE FOR AN INSPECTION (805)925-0951 EXT. 2357 , A MINIMUM OF 24 HOURS PRIOR TO BEGINNING WORK.
AFTER WORK HAS BEEN COMPLETED CALL THE HOTLINE ONCE MORE TO INFORM INSPECTORS.

ALL WORK TO BE PERFORMED TO CURRENT CITY STANDARDS AND SPECIFICATIONS.

ALL WORK SHALL BE PER THE CITY PUBLIC WORKS DEPARTMENT'S PLANS AND SPECIFICATIONS.
FOR CURRENT STANDARDS: https://www.cityofsantamaria.org/city-government/departments/public-works-services/engineering-divison/standard-drawings

CALL FOR INSPECTION PRIOR TO WORK IN CITY RIGHT-OF-WAY, CONNECTION TO CITY UTILITIES, OR PLACEMENT OF CONCRETE OR ASPHALT, AND FOR FINAL INSPECTION.

REQUESTS FOR INSPECTION SHALL BE MADE AT LEAST 24 HOURS IN ADVANCE.

Dave Pavlo — SIGNATURE

7/24/2023 — DATE

Jolene Galaviz — for DIRECTOR OF PUBLIC WORKS

DATE PAID	
METHOD OF PAYMENT	
CHECK NO.	
PERMIT	
INSPECTION/REVIEW	
TOTAL FEES	
TOTAL PAID	
TOTAL DUE	$0.00

INSPECTOR: _____ DATE COMPLETED: _____

EXPIRATION DATE: 10/18/2023 FOR TIME EXTENSIONS CALL: (805) 925-0951, EXT. 2225

GENERAL NOTES

1. All work shall be performed in accordance with the Standard Specifications and Plans of the City of Santa Maria and the Standard Specifications of the State of California, Business and Transportation Agency, Department of Transportation, latest edition, where not covered by the former, and shall be completed to the satisfaction of the City Engineer.

2. The CONTRACTOR shall contact Underground Service Alert (U.S.A.) at 811 least two working days prior to beginning of construction. (Government Code Section 4216/4217)

3. The CONTRACTOR shall practice safety at all times and shall furnish, erect and maintain such fences, barricades, lights and signs per The Manual on Uniform Traffic Control Devices (MUTCD), necessary to give adequate protection to the public at all times. Temporary traffic control plans shall be reviewed and approved by the City Engineer before installation.

4. The CONTRACTOR shall be responsible during construction for cleaning City streets, curbs, gutters and sidewalks of dirt tracked from the subject site. The flushing of dirt and debris to storm drain or sanitary sewer facilities is strictly prohibited. The cleaning shall be performed after each day's work or as directed by the City Engineer.

5. The CONTRACTOR shall obtain a permit from Department of Industrial Relations, Division of Occupational Safety & Health when required for excavation exceeding 5' in depth. Contact Cal-OSHA at 1-818-901-5403 for further information. (Health & Safety Code 17922.5)

6. Failure to comply with the requirements of this permit may result in one or more of the following:
   A. The City Engineer may order immediate suspension of work until non-compliance is resolved.
   B. Should the CONTRACTOR fail to correct deficient work, the City Engineer may cause removal and replacement of such deficient work at the APPLICANT'S expense.
   C. The City Engineer may cause such traffic control to be set, as deemed necessary, all at the APPLICANT'S expense.
   D. In the case where emergency repairs are deemed necessary, the City Engineer or his delegate will notify the CONTRACTOR. If the CONTRACTOR cannot respond in a timely fashion, then the City Engineer may cause such work to be done at the APPLICANT'S expense.

   Where corrective work described above is ordered by the City, the cost of that work shall be charged to the APPLICANT on a Labor, Equipment and Materials basis plus 25% overhead in order to reimburse the City for its costs

7. HOLD HARMLESS AND INDEMNIFICATION. APPLICANT and CONTRACTOR shall indemnify and hold harmless the City and its officers, officials, employees, and agents against any and all claims, damages, losses, and expenses including attorney fees arising out of the performance of the work described herein, caused in whole or in part by any negligent act of omission of the APPLICANT, CONTRACTOR, any subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, except where caused by the active negligence, sole negligence, or willful misconduct of the City. The City will not be held liable for any accident, loss or damage to the work prior to its completion and acceptance.

8. Nearest edge of driveway shall be a minimum of 5' from any above ground utility such as street lights or fire hydrants and 10' from any street tree. Maximum width of all driveways shall not exceed 50% of frontage. Minimum 20' separation between driveways on a single parcel required.

9. APPLICANT and CONTRACTOR are responsible for preservation and/or perpetuation of all existing monuments which control subdivisions, tracts, boundaries, streets, highways, or other rights-of-way, easements, or provide survey control which will be disturbed or removed due to CONTRACTOR'S work. CONTRACTOR shall provide a minimum of 10 working days notice to project engineer/surveyor prior to disturbance or removal of existing monuments. Project engineer/surveyor shall coordinate with CONTRACTOR to reset monuments or provide permanent witness monuments and file the required documentation with the County Surveyor pursuant to Business and Professions Code Section 8771.

10. Attention is directed to the City Standards for installation of water services. The City furnishes and installs the meter and meter bushing only. All permits, fees, and parts including the meter box, service line, valves, etc. are to be completed by the CONTRACTOR according to the Standards. The water utilities installation, with any associated permits and fees, shall be completed and approved prior to scheduling a water meter installation by the City.

11. When concrete is placed, two inspections are required: forms inspection (before placement) and final inspection (after placement).

12. Per requirements of the National Pollution Discharge Elimination System (NPDES), Contractor shall not discharge any construction material to the public right-of-way (i.e., dirt, concrete cuttings, fluids other than clean water, pesticides, hazardous materials, etc.).

13. Permitted work hours for all contractors shall be 7am - 4pm from Monday to Friday. No work shall be performed outside permitted work hours except with prior arrangement with Public Works office. If emergency work must be performed outside permitted working hours, the contractor must contact Public Works office as soon as possible to obtain an encroachment permit.

PUBLIC IMPROVEMENT PERMIT ■ ENCROACHMENT PERMIT

PUBLIC WORKS ■ CITY OF SANTA MARIA
110 S. PINE ST #221 ■ SANTA MARIA, CA 93458 ■ PHONE (805) 925-0951, EXT. 2225

PERMIT NO.: ENC23-0320 DATE ISSUED:

JOB ADDRESS:	APN:	REFERENCE:
223 E BETTERAVIA RD	128-085-009	RELOCATE FLOCK SAFETY CAMERA

APPLICANT

NAME: FLOCK SAFETY

ADDRESS: 1170 HOWELL MILL RD NW UNIT 210
ATLANTA GA 30318 PHONE: (407)574-4305

CONTRACTOR

NAME: FLOCK SAFETY LIC. NO.:

ADDRESS: 1170 HOWELL MILL RD NW UNIT 210
ATLANTA GA 30318 PHONE: (407)574-4305

DESCRIPTION OF PUBLIC IMPROVEMENTS/ENCROACHMENT

NO FEE PERMIT - SMPD JOB

WORK INCLUDES RELOCATING EXISTING ALPR CAMERA 116 TO A NEW LOCATION.

ALL EXISTING UTILITIES TO BE PROTECTED IN PLACE.
ALL TRAFFIC CONTROL AND PEDESTRIAN DETOURS SHALL CONFORM TO CAMUTCD.

CONTACT THE INSPECTION HOTLINE FOR AN INSPECTION (805)925-0951 EXT. 2357 , A MINIMUM OF 24 HOURS PRIOR TO BEGINNING WORK.
AFTER WORK HAS BEEN COMPLETED CALL THE HOTLINE ONCE MORE TO INFORM INSPECTORS.

ALL WORK TO BE PERFORMED TO CURRENT CITY STANDARDS AND SPECIFICATIONS.

ALL WORK SHALL BE PER THE CITY PUBLIC WORKS DEPARTMENT'S PLANS AND SPECIFICATIONS.
FOR CURRENT STANDARDS: https://www.cityofsantamaria.org/city-government/departments/public-works-services/engineering-divison/standard-drawings

CALL FOR INSPECTION PRIOR TO WORK IN CITY RIGHT-OF-WAY, CONNECTION TO CITY UTILITIES, OR PLACEMENT OF CONCRETE OR ASPHALT, AND FOR FINAL INSPECTION.

REQUESTS FOR INSPECTION SHALL BE MADE AT LEAST 24 HOURS IN ADVANCE.

Jeremy Heusler
SIGNATURE

11/28/2023
DATE

Jolene Galanty
for DIRECTOR OF PUBLIC WORKS

DATE PAID
METHOD OF PAYMENT
CHECK NO.

PERMIT
INSPECTION/REVIEW
TOTAL FEES
TOTAL PAID
TOTAL DUE $0.00

INSPECTOR: WILLIE AGUILERA DATE COMPLETED:

EXPIRATION DATE: 2/27/2024 FOR TIME EXTENSIONS CALL: (805) 925-0951, EXT. 2225

GENERAL NOTES

1. All work shall be performed in accordance with the Standard Specifications and Plans of the City of Santa Maria and the Standard Specifications of the State of California, Business and Transportation Agency, Department of Transportation, latest edition, where not covered by the former, and shall be completed to the satisfaction of the City Engineer.

2. The CONTRACTOR shall contact Underground Service Alert (U.S.A.) at 811 least two working days prior to beginning of construction. (Government Code Section 4216/4217)

3. The CONTRACTOR shall practice safety at all times and shall furnish, erect and maintain such fences, barricades, lights and signs per The Manual on Uniform Traffic Control Devices (MUTCD), necessary to give adequate protection to the public at all times. Temporary traffic control plans shall be reviewed and approved by the City Engineer before installation.

4. The CONTRACTOR shall be responsible during construction for cleaning City streets, curbs, gutters and sidewalks of dirt tracked from the subject site. The flushing of dirt and debris to storm drain or sanitary sewer facilities is strictly prohibited. The cleaning shall be performed after each day's work or as directed by the City Engineer.

5. The CONTRACTOR shall obtain a permit from Department of Industrial Relations, Division of Occupational Safety & Health when required for excavation exceeding 5' in depth. Contact Cal-OSHA at 1-818-901-5403 for further information. (Health & Safety Code 17922.5)

6. Failure to comply with the requirements of this permit may result in one or more of the following:
   A. The City Engineer may order immediate suspension of work until non-compliance is resolved.
   B. Should the CONTRACTOR fail to correct deficient work, the City Engineer may cause removal and replacement of such deficient work at the APPLICANT'S expense.
   C. The City Engineer may cause such traffic control to be set, as deemed necessary, all at the APPLICANT'S expense.
   D. In the case where emergency repairs are deemed necessary, the City Engineer or his delegate will notify the CONTRACTOR. If the CONTRACTOR cannot respond in a timely fashion, then the City Engineer may cause such work to be done at the APPLICANT'S expense.

   Where corrective work described above is ordered by the City, the cost of that work shall be charged to the APPLICANT on a Labor, Equipment and Materials basis plus 25% overhead in order to reimburse the City for its costs

7. HOLD HARMLESS AND INDEMNIFICATION. APPLICANT and CONTRACTOR shall indemnify and hold harmless the City and its officers, officials, employees, and agents against any and all claims, damages, losses, and expenses including attorney fees arising out of the performance of the work described herein, caused in whole or in part by any negligent act of omission of the APPLICANT, CONTRACTOR, any subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, except where caused by the active negligence, sole negligence, or willful misconduct of the City. The City will not be held liable for any accident, loss or damage to the work prior to its completion and acceptance.

8. Nearest edge of driveway shall be a minimum of 5' from any above ground utility such as street lights or fire hydrants and 10' from any street tree. Maximum width of all driveways shall not exceed 50% of frontage. Minimum 20' separation between driveways on a single parcel required.

9. APPLICANT and CONTRACTOR are responsible for preservation and/or perpetuation of all existing monuments which control subdivisions, tracts, boundaries, streets, highways, or other rights-of-way, easements, or provide survey control which will be disturbed or removed due to CONTRACTOR'S work. CONTRACTOR shall provide a minimum of 10 working days notice to project engineer/surveyor prior to disturbance or removal of existing monuments. Project engineer/surveyor shall coordinate with CONTRACTOR to reset monuments or provide permanent witness monuments and file the required documentation with the County Surveyor pursuant to Business and Professions Code Section 8771.

10. Attention is directed to the City Standards for installation of water services. The City furnishes and installs the meter and meter bushing only. All permits, fees, and parts including the meter box, service line, valves, etc. are to be completed by the CONTRACTOR according to the Standards. The water utilities installation, with any associated permits and fees, shall be completed and approved prior to scheduling a water meter installation by the City.

11. When concrete is placed, two inspections are required: forms inspection (before placement) and final inspection (after placement).

12. Per requirements of the National Pollution Discharge Elimination System (NPDES), Contractor shall not discharge any construction material to the public right-of-way (i.e., dirt, concrete cuttings, fluids other than clean water, pesticides, hazardous materials, etc.).

13. Permitted work hours for all contractors shall be 7am - 4pm from Monday to Friday. No work shall be performed outside permitted work hours except with prior arrangement with Public Works office. If emergency work must be performed outside permitted working hours, the contractor must contact Public Works office as soon as possible to obtain an encroachment permit.

PUBLIC IMPROVEMENT PERMIT ■ ENCROACHMENT PERMIT

PUBLIC WORKS ■ CITY OF SANTA MARIA
110 S. PINE ST #221 ■ SANTA MARIA, CA 93458 ■ PHONE (805) 925-0951, EXT. 2225

PERMIT NO.: ENC24-0002 DATE ISSUED: 1/5/2024

JOB ADDRESS:	APN:	REFERENCE:
1720 S DEPOT ST	117-330-077	INSTALL FLOCK SAFETY CAMERA

APPLICANT

NAME: FLOCK SAFETY

ADDRESS: 1170 HOWELL MILL RD NW UNIT 210
ATLANTA GA 30318 PHONE: (407)574-4305

CONTRACTOR

NAME: FLOCK SAFETY LIC. NO.:

ADDRESS: 1170 HOWELL MILL RD NW UNIT 210
ATLANTA GA 30318 PHONE: (407)574-4305

DESCRIPTION OF PUBLIC IMPROVEMENTS/ENCROACHMENT

NO FEE PERMIT - SMPD JOB

WORK INCLUDES INSTALLATION OF ALPR CAMERA INSTALLATION IN THE CITY ROW.

ALL EXISTING UTILITIES TO BE PROTECTED IN PLACE.
ALL TRAFFIC CONTROL AND PEDESTRIAN DETOURS SHALL CONFORM TO CAMUTCD.

CONTACT THE INSPECTION HOTLINE FOR AN INSPECTION (805)925-0951 EXT. 2357 , A MINIMUM OF 24 HOURS PRIOR TO BEGINNING WORK.
AFTER WORK HAS BEEN COMPLETED CALL THE HOTLINE ONCE MORE TO INFORM INSPECTORS.

ALL WORK TO BE PERFORMED TO CURRENT CITY STANDARDS AND SPECIFICATIONS.

ALL WORK SHALL BE PER THE CITY PUBLIC WORKS DEPARTMENT'S PLANS AND SPECIFICATIONS.
FOR CURRENT STANDARDS: https://www.cityofsantamaria.org/city-government/departments/public-works-services/engineering-divison/standard-drawings

CALL FOR INSPECTION PRIOR TO WORK IN CITY RIGHT-OF-WAY, CONNECTION TO CITY UTILITIES, OR PLACEMENT OF CONCRETE OR ASPHALT, AND FOR FINAL INSPECTION.

REQUESTS FOR INSPECTION SHALL BE MADE AT LEAST 24 HOURS IN ADVANCE.

Jeremy Heusler
SIGNATURE

01/05/2024
DATE

John Doty
for DIRECTOR OF PUBLIC WORKS

DATE PAID	
METHOD OF PAYMENT	
CHECK NO.	
PERMIT	
INSPECTION/REVIEW	
TOTAL FEES	
TOTAL PAID	
TOTAL DUE	$0.00

INSPECTOR: PAUL JACOBS DATE COMPLETED:

EXPIRATION DATE: 4/5/2024 FOR TIME EXTENSIONS CALL: (805) 925-0951, EXT. 2225

GENERAL NOTES

1. All work shall be performed in accordance with the Standard Specifications and Plans of the City of Santa Maria and the Standard Specifications of the State of California, Business and Transportation Agency, Department of Transportation, latest edition, where not covered by the former, and shall be completed to the satisfaction of the City Engineer.

2. The CONTRACTOR shall contact Underground Service Alert (U.S.A.) at 811 least two working days prior to beginning of construction. (Government Code Section 4216/4217)

3. The CONTRACTOR shall practice safety at all times and shall furnish, erect and maintain such fences, barricades, lights and signs per The Manual on Uniform Traffic Control Devices (MUTCD), necessary to give adequate protection to the public at all times. Temporary traffic control plans shall be reviewed and approved by the City Engineer before installation.

4. The CONTRACTOR shall be responsible during construction for cleaning City streets, curbs, gutters and sidewalks of dirt tracked from the subject site. The flushing of dirt and debris to storm drain or sanitary sewer facilities is strictly prohibited. The cleaning shall be performed after each day's work or as directed by the City Engineer.

5. The CONTRACTOR shall obtain a permit from Department of Industrial Relations, Division of Occupational Safety & Health when required for excavation exceeding 5' in depth. Contact Cal-OSHA at 1-818-901-5403 for further information. (Health & Safety Code 17922.5)

6. Failure to comply with the requirements of this permit may result in one or more of the following:
   A. The City Engineer may order immediate suspension of work until non-compliance is resolved.
   B. Should the CONTRACTOR fail to correct deficient work, the City Engineer may cause removal and replacement of such deficient work at the APPLICANT'S expense.
   C. The City Engineer may cause such traffic control to be set, as deemed necessary, all at the APPLICANT'S expense.
   D. In the case where emergency repairs are deemed necessary, the City Engineer or his delegate will notify the CONTRACTOR. If the CONTRACTOR cannot respond in a timely fashion, then the City Engineer may cause such work to be done at the APPLICANT'S expense.

   Where corrective work described above is ordered by the City, the cost of that work shall be charged to the APPLICANT on a Labor, Equipment and Materials basis plus 25% overhead in order to reimburse the City for its costs

7. HOLD HARMLESS AND INDEMNIFICATION. APPLICANT and CONTRACTOR shall indemnify and hold harmless the City and its officers, officials, employees, and agents against any and all claims, damages, losses, and expenses including attorney fees arising out of the performance of the work described herein, caused in whole or in part by any negligent act of omission of the APPLICANT, CONTRACTOR, any subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, except where caused by the active negligence, sole negligence, or willful misconduct of the City. The City will not be held liable for any accident, loss or damage to the work prior to its completion and acceptance.

8. Nearest edge of driveway shall be a minimum of 5' from any above ground utility such as street lights or fire hydrants and 10' from any street tree. Maximum width of all driveways shall not exceed 50% of frontage. Minimum 20' separation between driveways on a single parcel required.

9. APPLICANT and CONTRACTOR are responsible for preservation and/or perpetuation of all existing monuments which control subdivisions, tracts, boundaries, streets, highways, or other rights-of-way, easements, or provide survey control which will be disturbed or removed due to CONTRACTOR'S work. CONTRACTOR shall provide a minimum of 10 working days notice to project engineer/surveyor prior to disturbance or removal of existing monuments. Project engineer/surveyor shall coordinate with CONTRACTOR to reset monuments or provide permanent witness monuments and file the required documentation with the County Surveyor pursuant to Business and Professions Code Section 8771.

10. Attention is directed to the City Standards for installation of water services. The City furnishes and installs the meter and meter bushing only. All permits, fees, and parts including the meter box, service line, valves, etc. are to be completed by the CONTRACTOR according to the Standards. The water utilities installation, with any associated permits and fees, shall be completed and approved prior to scheduling a water meter installation by the City.

11. When concrete is placed, two inspections are required: forms inspection (before placement) and final inspection (after placement).

12. Per requirements of the National Pollution Discharge Elimination System (NPDES), Contractor shall not discharge any construction material to the public right-of-way (i.e., dirt, concrete cuttings, fluids other than clean water, pesticides, hazardous materials, etc.).

13. Permitted work hours for all contractors shall be 7am - 4pm from Monday to Friday. No work shall be performed outside permitted work hours except with prior arrangement with Public Works office. If emergency work must be performed outside permitted working hours, the contractor must contact Public Works office as soon as possible to obtain an encroachment permit.

PUBLIC IMPROVEMENT PERMIT ■ ENCROACHMENT PERMIT

PUBLIC WORKS ■ CITY OF SANTA MARIA
110 S. PINE ST #221 ■ SANTA MARIA, CA 93458 ■ PHONE (805) 925-0951, EXT. 2225

PERMIT NO.: ENC24-0031 DATE ISSUED: 1/31/2024

JOB ADDRESS:	APN:	REFERENCE:
112 E GRANT ST	128-004-003	INSTALL FLOCK SAFETY CAMERA

APPLICANT

NAME: FLOCK SAFETY

ADDRESS: 1170 HOWELL MILL RD NW UNIT 210

ATLANTA GA 30318 PHONE: (407)574-4305

CONTRACTOR

NAME: FLOCK SAFETY LIC. NO.:

ADDRESS: 1170 HOWELL MILL RD NW UNIT 210

ATLANTA GA 30318 PHONE: (407)574-4305

DESCRIPTION OF PUBLIC IMPROVEMENTS/ENCROACHMENT

NO FEE PERMIT - SMPD JOB

WORK INCLUDES INSTALLATION OF ALPR CAMERA INSTALLATION IN THE CITY ROW.

ALL EXISTING UTILITIES TO BE PROTECTED IN PLACE.
ALL TRAFFIC CONTROL AND PEDESTRIAN DETOURS SHALL CONFORM TO CAMUTCD.

CONTACT THE INSPECTION HOTLINE FOR AN INSPECTION (805)925-0951 EXT. 2357 , A MINIMUM OF 24 HOURS PRIOR TO BEGINNING WORK.
AFTER WORK HAS BEEN COMPLETED CALL THE HOTLINE ONCE MORE TO INFORM INSPECTORS.

ALL WORK TO BE PERFORMED TO CURRENT CITY STANDARDS AND SPECIFICATIONS.

ALL WORK SHALL BE PER THE CITY PUBLIC WORKS DEPARTMENT'S PLANS AND SPECIFICATIONS.
FOR CURRENT STANDARDS: https://www.cityofsantamaria.org/city-government/departments/public-works-services/engineering-divison/standard-drawings

CALL FOR INSPECTION PRIOR TO WORK IN CITY RIGHT-OF-WAY, CONNECTION TO CITY UTILITIES, OR PLACEMENT OF CONCRETE OR ASPHALT, AND FOR FINAL INSPECTION.

REQUESTS FOR INSPECTION SHALL BE MADE AT LEAST 24 HOURS IN ADVANCE.

Dave Paulo
SIGNATURE

1/31/2024
DATE

Jolene Galatz
for DIRECTOR OF PUBLIC WORKS

DATE PAID	
METHOD OF PAYMENT	
CHECK NO.	
PERMIT	
INSPECTION/REVIEW	
TOTAL FEES	
TOTAL PAID	
TOTAL DUE	$0.00

INSPECTOR: PAUL JACOBS DATE COMPLETED:

EXPIRATION DATE: 2/29/2024 FOR TIME EXTENSIONS CALL: (805) 925-0951, EXT. 2225

GENERAL NOTES

1. All work shall be performed in accordance with the Standard Specifications and Plans of the City of Santa Maria and the Standard Specifications of the State of California, Business and Transportation Agency, Department of Transportation, latest edition, where not covered by the former, and shall be completed to the satisfaction of the City Engineer.

2. The CONTRACTOR shall contact Underground Service Alert (U.S.A.) at 811 least two working days prior to beginning of construction. (Government Code Section 4216/4217)

3. The CONTRACTOR shall practice safety at all times and shall furnish, erect and maintain such fences, barricades, lights and signs per The Manual on Uniform Traffic Control Devices (MUTCD), necessary to give adequate protection to the public at all times. Temporary traffic control plans shall be reviewed and approved by the City Engineer before installation.

4. The CONTRACTOR shall be responsible during construction for cleaning City streets, curbs, gutters and sidewalks of dirt tracked from the subject site. The flushing of dirt and debris to storm drain or sanitary sewer facilities is strictly prohibited. The cleaning shall be performed after each day's work or as directed by the City Engineer.

5. The CONTRACTOR shall obtain a permit from Department of Industrial Relations, Division of Occupational Safety & Health when required for excavation exceeding 5' in depth. Contact Cal-OSHA at 1-818-901-5403 for further information. (Health & Safety Code 17922.5)

6. Failure to comply with the requirements of this permit may result in one or more of the following:
   A. The City Engineer may order immediate suspension of work until non-compliance is resolved.
   B. Should the CONTRACTOR fail to correct deficient work, the City Engineer may cause removal and replacement of such deficient work at the APPLICANT'S expense.
   C. The City Engineer may cause such traffic control to be set, as deemed necessary, all at the APPLICANT'S expense.
   D. In the case where emergency repairs are deemed necessary, the City Engineer or his delegate will notify the CONTRACTOR. If the CONTRACTOR cannot respond in a timely fashion, then the City Engineer may cause such work to be done at the APPLICANT'S expense.

   Where corrective work described above is ordered by the City, the cost of that work shall be charged to the APPLICANT on a Labor, Equipment and Materials basis plus 25% overhead in order to reimburse the City for its costs

7. HOLD HARMLESS AND INDEMNIFICATION. APPLICANT and CONTRACTOR shall indemnify and hold harmless the City and its officers, officials, employees, and agents against any and all claims, damages, losses, and expenses including attorney fees arising out of the performance of the work described herein, caused in whole or in part by any negligent act of omission of the APPLICANT, CONTRACTOR, any subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, except where caused by the active negligence, sole negligence, or willful misconduct of the City. The City will not be held liable for any accident, loss or damage to the work prior to its completion and acceptance.

8. Nearest edge of driveway shall be a minimum of 5' from any above ground utility such as street lights or fire hydrants and 10' from any street tree. Maximum width of all driveways shall not exceed 50% of frontage. Minimum 20' separation between driveways on a single parcel required.

9. APPLICANT and CONTRACTOR are responsible for preservation and/or perpetuation of all existing monuments which control subdivisions, tracts, boundaries, streets, highways, or other rights-of-way, easements, or provide survey control which will be disturbed or removed due to CONTRACTOR'S work. CONTRACTOR shall provide a minimum of 10 working days notice to project engineer/surveyor prior to disturbance or removal of existing monuments. Project engineer/surveyor shall coordinate with CONTRACTOR to reset monuments or provide permanent witness monuments and file the required documentation with the County Surveyor pursuant to Business and Professions Code Section 8771.

10. Attention is directed to the City Standards for installation of water services. The City furnishes and installs the meter and meter bushing only. All permits, fees, and parts including the meter box, service line, valves, etc. are to be completed by the CONTRACTOR according to the Standards. The water utilities installation, with any associated permits and fees, shall be completed and approved prior to scheduling a water meter installation by the City.

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13. Permitted work hours for all contractors shall be 7am - 4pm from Monday to Friday. No work shall be performed outside permitted work hours except with prior arrangement with Public Works office. If emergency work must be performed outside permitted working hours, the contractor must contact Public Works office as soon as possible to obtain an encroachment permit.

PUBLIC IMPROVEMENT PERMIT ■ ENCROACHMENT PERMIT

PUBLIC WORKS ■ CITY OF SANTA MARIA
110 S. PINE ST #221 ■ SANTA MARIA, CA 93458 ■ PHONE (805) 925-0951, EXT. 2225

PERMIT NO.: ENC25-0394 DATE ISSUED: 7/10/2025

JOB ADDRESS:	APN:	REFERENCE:
300 N BLOSSER RD	119-201-013	INSTALL FLOCK SAFETY CAMERA

APPLICANT

NAME: FLOCK SAFETY

ADDRESS: 1170 HOWELL MILL RD NW UNIT 210

ATLANTA GA 30318 PHONE: (407)574-4305

CONTRACTOR

NAME: FLOCK SAFETY LIC. NO.:

ADDRESS: 1170 HOWELL MILL RD NW UNIT 210

ATLANTA GA 30318 PHONE: (407)574-4305

DESCRIPTION OF PUBLIC IMPROVEMENTS/ENCROACHMENT

NO FEE PERMIT - SMPD JOB

WORK INCLUDES INSTALLATION OF SOLAR POWERED ALPR CAMERA INSTALLATION IN THE CITY ROW.

ALL EXISTING UTILITIES TO BE PROTECTED IN PLACE.
ALL TRAFFIC CONTROL AND PEDESTRIAN DETOURS SHALL CONFORM TO CAMUTCD.

CONTACT THE INSPECTION HOTLINE FOR AN INSPECTION (805)925-0951 EXT. 2357 , A MINIMUM OF 24 HOURS PRIOR TO BEGINNING WORK.
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REQUESTS FOR INSPECTION SHALL BE MADE AT LEAST 24 HOURS IN ADVANCE.

Jeremy Heusler
SIGNATURE

7/10/2025
DATE

Jolene Galaites
for DIRECTOR OF PUBLIC WORKS

DATE PAID
METHOD OF PAYMENT
CHECK NO.

PERMIT
INSPECTION/REVIEW
TOTAL FEES
TOTAL PAID
TOTAL DUE $0.00

INSPECTOR: PAUL JACOBS DATE COMPLETED:

EXPIRATION DATE: 10/31/2025 FOR TIME EXTENSIONS CALL: (805) 925-0951, EXT. 2225

GENERAL NOTES

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